

REFINITIV

DELTA REPORT

10-Q

MTSI - MACOM TECHNOLOGY SOLUTION

10-Q - MARCH 29, 2024 COMPARED TO 10-Q - DECEMBER 29, 2023

The following comparison report has been automatically generated

TOTAL DELTAS 1414

■	CHANGES	209
■	DELETIONS	646
■	ADDITIONS	559

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended December 29, 2023 March 29, 2024
or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from to
Commission File Number: 001-35451

MACOM Technology Solutions Holdings, Inc.

(Exact name of registrant as specified in its charter)

Delaware

27-0306875

(State or other jurisdiction of incorporation or organization)

(I.R.S. Employer Identification No.)

100 Chelmsford Street
Lowell, MA 01851

(Address of principal executive offices and zip code)

(978) 656-2500

(Registrant's telephone number, including area code)

Securities registered pursuant to Section 12(b) of the Act:

Title of each class Trading Symbol(s) Name of exchange on which registered

Common Stock, par value \$0.001 per share

MTSI

Nasdaq Global Select Market

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports) and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the

registrant was required to submit such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input checked="" type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/>	Smaller reporting company	<input type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

As of January 29, 2024 April 29, 2024, there were 72,067,141 72,106,577 shares of the registrant's common stock outstanding.

MACOM TECHNOLOGY SOLUTIONS HOLDINGS, INC.

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PART I—FINANCIAL INFORMATION

ITEM 1. FINANCIAL STATEMENTS

MACOM TECHNOLOGY SOLUTIONS HOLDINGS, INC. CONDENSED CONSOLIDATED BALANCE SHEETS (Unaudited, in thousands)

	December 29, 2023	September 29, 2023
	March 29, 2024	September 29, 2023
ASSETS		
Current assets:		
Current assets:		
Current assets:		
Cash and cash equivalents		
Cash and cash equivalents		
Cash and cash equivalents		
Short-term investments		
Accounts receivable, net		
Inventories		
Prepaid and other current assets		
Total current assets		
Property and equipment, net		
Goodwill		
Intangible assets, net		
Deferred income taxes		
Other long-term assets		
Other long-term assets		
Other long-term assets		
Total assets		
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities:		
Current liabilities:		
Current liabilities:		
Current portion of finance lease obligations		
Current portion of finance lease obligations		
Current portion of finance lease obligations		

Accounts payable	
Accrued liabilities	
Total current liabilities	
Finance lease obligations, less current portion	
Financing obligation	
Long-term debt	
Other long-term liabilities	
Total liabilities	
Commitments and contingencies (see Note 12)	
Stockholders' equity:	
Stockholders' equity:	
Stockholders' equity:	
Common stock	
Common stock	
Common stock	
Treasury stock, at cost	
Accumulated other comprehensive loss	
Additional paid-in capital	
Accumulated deficit	
Total stockholders' equity	
Total liabilities and stockholders' equity	

See notes to condensed consolidated financial statements.

MACOM TECHNOLOGY SOLUTIONS HOLDINGS, INC.
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS
(Unaudited, in thousands, except per share data)

	Three Months Ended		Six Months Ended	
	March 29, 2024	March 31, 2023	March 29, 2024	March 31, 2023
Revenue				
Revenue				
Revenue				
Cost of revenue				
Cost of revenue				
Cost of revenue				
Gross profit				
Gross profit				
Gross profit				
Operating expenses:				

Operating expenses:

Operating expenses:

Research and development

Research and development

Research and development

Selling, general and administrative

Selling, general and administrative

Selling, general and administrative

Total operating expenses

Total operating expenses

Total operating expenses

Income from operations

Income from operations

Income from operations

Other income (expense):

Other income (expense):

Other income (expense):

Interest income

Interest income

Interest income

Interest expense

Interest expense

Interest expense

Other expense, net

Other expense, net

Other expense, net

Total other income

Total other income

Total other income

Income before income taxes

Income before income taxes

Income before income taxes

Income tax expense

Income tax expense

Income tax expense

Net income

Net income

Net income

Net income per share:

Net income per share:

Net income per share:

Income per share - Basic
Income per share - Basic
Income per share - Basic
Income per share - Diluted
Income per share - Diluted
Income per share - Diluted
Weighted average shares used:
Weighted average shares used:
Weighted average shares used:
Basic
Basic
Basic
Diluted
Diluted
Diluted

See notes to condensed consolidated financial statements.

MACOM TECHNOLOGY SOLUTIONS HOLDINGS, INC.
CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(Unaudited, in thousands)

	Three Months Ended			
	December 29,		December 30,	
	2023	2022	2023	2022
Net income	\$ 12,526	\$ 29,519	\$ 12,526	\$ 29,519
Unrealized gain on short term investments, net of tax	1,295	2,547	1,295	2,547
Foreign currency translation gain, net of tax	1,944	737	1,944	737
Other comprehensive income, net of tax	3,239	3,284	3,239	3,284
Total comprehensive income	\$ 15,765	\$ 32,803	\$ 15,765	\$ 32,803

	Three Months Ended		Six Months Ended	
	March 29,		March 31,	
	2024	2023	2024	2023
Net income	\$ 14,980	\$ 25,755	\$ 27,506	\$ 55,274
Unrealized (loss) gain on short term investments, net of tax	(291)	833	1,004	3,380
Foreign currency translation (loss) gain, net of tax	(1,248)	301	696	1,038
Other comprehensive (loss) income, net of tax	(1,539)	1,134	1,700	4,418
Total comprehensive income	\$ 13,441	\$ 26,889	\$ 29,206	\$ 59,692

See notes to condensed consolidated financial statements.

MACOM TECHNOLOGY SOLUTIONS HOLDINGS, INC.
CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY
(Uaudited, in thousands)

	Three Months Ended December 29, 2023								
					Accumulated				
	Common Stock		Treasury Stock		Other	Additional	Total		
	Shares	Amount	Shares	Amount	Comprehensive	Paid-in	Accumulated	Deficit	Stockholders' Equity
Balance as of September 29, 2023	71,013	\$ 71	(23)	\$ (330)	(3,635)	\$ 1,214,203	\$ (262,709)	\$ 947,600	
Stock option exercises	5	—	—	—	—	80	—	—	80
Vesting of restricted common stock and units	459	—	—	—	—	—	—	—	—
Issuance of common stock pursuant to employee stock purchase plan	59	—	—	—	—	2,769	—	—	2,769
Shares repurchased for tax withholdings on restricted stock awards	(160)	—	—	—	—	(11,552)	—	—	(11,552)
Share-based compensation	—	—	—	—	—	8,657	—	—	8,657
Issuance of common stock as consideration for acquisition	712	1	—	—	—	60,771	—	—	60,772
Other comprehensive income, net of tax	—	—	—	—	3,239	—	—	—	3,239
Net income	—	—	—	—	—	—	12,526	—	12,526
Balance as of December 29, 2023	72,088	\$ 72	(23)	\$ (330)	\$ (396)	\$ 1,274,928	\$ (250,183)	\$ 1,024,091	

	Three Months Ended March 29, 2024								
					Accumulated				
	Common Stock		Treasury Stock		Other	Additional	Total		
	Shares	Amount	Shares	Amount	Comprehensive	Paid-in	Accumulated	Deficit	Stockholders' Equity
Balance as of December 29, 2023	72,088	\$ 72	(23)	\$ (330)	\$ (396)	\$ 1,274,928	\$ (250,183)	\$ 1,024,091	
Vesting of restricted common stock and units	43	—	—	—	—	—	—	—	—
Shares withheld for taxes on equity awards	(11)	—	—	—	—	(970)	—	—	(970)
Share-based compensation	—	—	—	—	—	12,090	—	—	12,090
Issuance of common stock as consideration for acquisition	—	—	—	—	—	(3,039)	—	—	(3,039)
Other comprehensive loss, net of tax	—	—	—	—	(1,539)	—	—	—	(1,539)
Net income	—	—	—	—	—	—	14,980	—	14,980

Balance as of March 29, 2024	72,120	\$ 72	(23)	\$ (330)	\$ (1,935)	\$ 1,283,009	\$ (235,203)	\$ 1,045,613
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Six Months Ended March 29, 2024								
	Accumulated							
	Common Stock		Treasury Stock		Other	Additional	Total	
	Shares	Amount	Shares	Amount	Comprehensive (Loss) Income	Paid-in Capital	Accumulated Deficit	Stockholders' Equity
Balance as of September 29, 2023	71,013	\$ 71	(23)	\$ (330)	\$ (3,635)	\$ 1,214,203	\$ (262,709)	\$ 947,600
Stock option exercises	5	—	—	—	—	80	—	80
Vesting of restricted common stock and units	502	—	—	—	—	—	—	—
Issuance of common stock pursuant to employee stock purchase plan	59	—	—	—	—	2,769	—	2,769
Shares withheld for taxes on equity awards	(171)	—	—	—	—	(12,522)	—	(12,522)
Share-based compensation	—	—	—	—	—	20,747	—	20,747
Issuance of common stock as consideration for acquisition	712	1	—	—	—	57,732	—	57,733
Other comprehensive income, net of tax	—	—	—	—	1,700	—	—	1,700
Net income	—	—	—	—	—	—	27,506	27,506
Balance as of March 29, 2024	72,120	\$ 72	(23)	\$ (330)	\$ (1,935)	\$ 1,283,009	\$ (235,203)	\$ 1,045,613

See notes to condensed consolidated financial statements.

Three Months Ended December 30, 2022								
	Accumulated							
	Common Stock		Treasury Stock		Other	Additional	Total	
	Shares	Amount	Shares	Amount	Comprehensive (Loss) Income	Paid-in Capital	Accumulated Deficit	Stockholders' Equity
Balance as of September 30, 2022	70,022	\$ 70	(23)	\$ (330)	\$ (5,851)	\$ 1,203,145	\$ (354,286)	\$ 842,748
Vesting of restricted common stock and units	1,126	1	—	—	—	—	—	1
Issuance of common stock pursuant to employee stock purchase plan	52	—	—	—	—	2,320	—	2,320
Shares repurchased for tax withholdings on equity awards	(443)	—	—	—	—	(26,375)	—	(26,375)
Share-based compensation	—	—	—	—	—	11,047	—	11,047
Other comprehensive income, net of tax	—	—	—	—	3,284	—	—	3,284
Net income	—	—	—	—	—	—	29,519	29,519
Balance as of December 30, 2022	70,757	\$ 71	(23)	\$ (330)	\$ (2,567)	\$ 1,190,137	\$ (324,767)	\$ 862,544

Three Months Ended March 31, 2023									
	Accumulated								
	Common Stock		Treasury Stock		Other Comprehensive		Additional		Total Stockholders' Equity
	Shares	Amount	Shares	Amount	(Loss) Income		Paid-in Capital	Accumulated Deficit	
Balance as of December 31, 2022	70,757	\$ 71	(23)	\$ (330)	\$ (2,567)	\$ 1,190,137	\$ (324,767)	\$ 862,544	
Vesting of restricted common stock and units	212	—	—	—	—	—	—	—	—
Shares withheld for taxes on equity awards	(72)	—	—	—	—	(4,878)	—	—	(4,878)
Share-based compensation	—	—	—	—	—	—	9,460	—	9,460
Other comprehensive income, net of tax	—	—	—	—	1,134	—	—	—	1,134
Net income	—	—	—	—	—	—	—	25,755	25,755
Balance as of March 31, 2023	<u>70,897</u>	<u>\$ 71</u>	<u>(23)</u>	<u>\$ (330)</u>	<u>\$ (1,433)</u>	<u>\$ 1,194,719</u>	<u>\$ (299,012)</u>	<u>\$ 894,015</u>	
Six Months Ended March 31, 2023									
	Accumulated								
	Common Stock		Treasury Stock		Other Comprehensive		Additional		Total Stockholders' Equity
	Shares	Amount	Shares	Amount	(Loss) Income		Paid-in Capital	Accumulated Deficit	
Balance as of September 30, 2022	70,022	\$ 70	(23)	\$ (330)	\$ (5,851)	\$ 1,203,145	\$ (354,286)	\$ 842,748	
Vesting of restricted common stock and units	1,338	1	—	—	—	—	—	—	1
Issuance of common stock pursuant to employee stock purchase plan	52	—	—	—	—	2,320	—	—	2,320
Shares withheld for taxes on equity awards	(515)	—	—	—	—	(31,253)	—	—	(31,253)
Share-based compensation	—	—	—	—	—	20,507	—	—	20,507
Other comprehensive income, net of tax	—	—	—	—	4,418	—	—	—	4,418
Net income	—	—	—	—	—	—	55,274	—	55,274
Balance as of March 31, 2023	<u>70,897</u>	<u>\$ 71</u>	<u>(23)</u>	<u>\$ (330)</u>	<u>\$ (1,433)</u>	<u>\$ 1,194,719</u>	<u>\$ (299,012)</u>	<u>\$ 894,015</u>	

See notes to condensed consolidated financial statements.

MACOM TECHNOLOGY SOLUTIONS HOLDINGS, INC.
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(Uaudited, in thousands)

	Three Months Ended	Six Months Ended		
	December 29, 2023	December 30, 2022	March 29, 2024	March 31, 2023

CASH FLOWS FROM OPERATING ACTIVITIES:

Net income
Net income
Net income
Adjustments to reconcile net income to net cash provided by operating activities:
Depreciation and intangibles amortization
Depreciation and intangibles amortization
Depreciation and intangibles amortization
Share-based compensation
Deferred income taxes
Deferred income taxes
Deferred income taxes
Other adjustments, net
Other adjustments, net
Other adjustments, net
Change in operating assets and liabilities:
Accounts receivable
Accounts receivable
Accounts receivable
Inventories
Prepaid expenses and other assets
Accounts payable
Accrued and other liabilities
Income taxes
Net cash provided by operating activities
CASH FLOWS FROM INVESTING ACTIVITIES:
Acquisition of a business
Acquisition of a business
Acquisition of a business
Acquisition of businesses, net of cash acquired
Acquisition of businesses, net of cash acquired
Acquisition of businesses, net of cash acquired
Purchases of property and equipment
Purchases of property and equipment
Purchases of property and equipment
Proceeds from sales and maturities of short-term investments
Proceeds from sales and maturities of short-term investments
Proceeds from sale of property and equipment
Proceeds from sales and maturities of short-term investments
Purchases of short-term investments
Net cash used in investing activities

Net cash used in investing activities
Net cash used in investing activities
CASH FLOWS FROM FINANCING ACTIVITIES:
Payments on finance leases and other
Payments on finance leases and other
Payments on finance leases and other
Proceeds from stock option exercises and employee stock purchases
Repurchase of common stock - tax withholdings on equity awards
Common stock withheld for taxes on employee equity awards
Net cash used in financing activities
Foreign currency effect on cash
NET CHANGE IN CASH AND CASH EQUIVALENTS
CASH AND CASH EQUIVALENTS — Beginning of period
CASH AND CASH EQUIVALENTS — End of period
Supplemental disclosure of non-cash activities
Supplemental disclosure of non-cash activities
Supplemental disclosure of non-cash activities
Issuance of common stock in connection with the RF Business Acquisition (See Note 3 - <i>Acquisitions</i>)
Issuance of common stock in connection with the RF Business Acquisition (See Note 3 - <i>Acquisitions</i>)
Issuance of common stock in connection with the RF Business Acquisition (See Note 3 - <i>Acquisitions</i>)

See notes to condensed consolidated financial statements.

MACOM TECHNOLOGY SOLUTIONS HOLDINGS, INC.
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

1. BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Unaudited Interim Financial Information—The accompanying unaudited, condensed consolidated financial statements have been prepared according to the rules and regulations of the United States (the “U.S.”) Securities and Exchange Commission (the “SEC”) and, in the opinion of management, reflect all adjustments, which include normal recurring adjustments, necessary for a fair statement of the condensed consolidated balance sheets, condensed consolidated statements of operations, comprehensive income, stockholders’ equity and cash flows of MACOM Technology Solutions Holdings, Inc. (“MACOM,” the “Company,” “us,” “we” or “our”) for the periods presented. We prepare our interim financial information using the same accounting principles we use for our annual audited consolidated financial statements. Certain information and note disclosures normally included in the annual audited consolidated financial statements have been condensed or omitted in accordance with prescribed SEC rules. We believe that the disclosures made in our condensed consolidated financial statements and the accompanying notes are adequate to make the information presented not misleading.

The condensed consolidated balance sheet as of September 29, 2023 is as reported in our audited consolidated financial statements as of that date. Our accounting policies are described in the notes to our September 29, 2023 consolidated financial statements, which were included in our Annual Report on Form 10-K for our fiscal year ended September 29, 2023 filed with the SEC on November 13, 2023 (the

"2023 Annual Report on Form 10-K"). We recommend that the financial statements included in this Quarterly Report on Form 10-Q be read in conjunction with the consolidated financial statements and notes included in our 2023 Annual Report on Form 10-K.

Principles of Consolidation, Basis of Presentation and Reclassification—The accompanying condensed consolidated financial statements include our accounts and the accounts of our majority-owned subsidiaries. All intercompany balances and transactions have been eliminated in consolidation. In the condensed consolidated financial statements, Interest income has been reclassified to conform to the current year presentation.

We have a 52- or 53-week fiscal year ending on the Friday closest to the last day of September. Fiscal years 2024 and 2023 each include 52 weeks. To offset the effect of holidays, for fiscal years in which there are 53 weeks, we include the extra week arising in such fiscal years in the first fiscal quarter.

Use of Estimates—The preparation of condensed consolidated financial statements in conformity with U.S. generally accepted accounting principles ("GAAP") requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities during the reporting periods, the reported amounts of revenue and expenses during the reporting periods and the disclosure of contingent assets and liabilities at the date of the financial statements. On an ongoing basis, we base estimates and assumptions on historical experience, currently available information and various other factors that management believes to be reasonable under the circumstances. Actual results may differ materially from these estimates and assumptions. The accounting policies which our management believes involve the most significant application of judgment or involve complex estimation, are inventories and associated reserves; revenue reserves; business combinations; goodwill and intangible asset valuation; share-based compensation valuations and income taxes.

Recent Accounting Pronouncements—Our Recent Accounting Pronouncements are described in our 2023 Annual Report on Form 10-K.

In June 2022, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") 2022-03, *Fair Value Measurement of Equity Securities Subject to Contractual Sale Restrictions*, which amends Account Standards Codification Topic 820, *Fair Value Measurement* ("ASU 2022-03"). ASU 2022-03 clarifies guidance for fair value measurement of an equity security subject to a contractual sale restriction and establishes new disclosure requirements for such equity securities. We elected to early adopt ASU 2022-03 on September 30, 2023, and applied the amendment in measuring consideration transferred in the RF Business Acquisition (as defined in Note 3 - Acquisitions). As a result, we have not applied a discount for lack of marketability related to the RF Business Acquisition stockholder restrictions set forth in the asset purchase agreement (discussed in Note 3 - Acquisitions). However, the fair value of the shares was discounted for lack of marketability due to the unregistered shares being transferred and legally restricted from being sold. See Note 3 - Acquisitions for additional information.

Pronouncements for Adoption in Subsequent Periods

In November 2023, the FASB issued ASU 2023-07, *Segment Reporting (Topic 280) Improvements to Reportable Segment Disclosures*, which improves disclosures about a public entity's reportable segments and addresses requests from investors and other allocators of capital for additional, more ~~detail~~ detailed information about a reportable segment's expenses. The amendments in this update improve financial reporting by requiring disclosure of incremental segment information on an annual and interim basis for all public entities to enable investors to develop more decision-useful financial analyses. This ASU should be applied on a retrospective basis. The amendments in this update are effective for fiscal years beginning after December 15, 2023 and interim periods within fiscal years beginning after December 15, 2024, with early adoption permitted. We are currently evaluating the future effect the adoption of this ASU will have on our consolidated financial statements and related disclosures.

In December 2023, the FASB issued ASU 2023-09, *Income Taxes (Topic 740) Improvements to Income Tax Disclosures*, which require greater disaggregation of income tax disclosures. The amendments in this update improve the transparency of income tax disclosures by requiring (1) consistent categories and greater disaggregation of information in the rate reconciliation and (2) income taxes paid disaggregated by jurisdiction. Other amendments in this update improve the effectiveness and comparability of disclosures by (1) adding disclosures of pretax income (or loss) and income tax expense (or benefit) and (2) removing disclosures that no longer are considered cost beneficial or relevant. This ASU should be applied on a prospective basis, with retrospective application permitted. The guidance in this

update is effective for fiscal years beginning after December 15, 2024. We are currently evaluating the potential effect of the adoption of this ASU will have on our consolidated financial statements and related disclosures.

2. REVENUE

Disaggregation of Revenue

We disaggregate revenue from contracts with customers by markets and geography, as we believe it best depicts how the nature, amount, timing and uncertainty of revenue and cash flows are affected by economic factors.

The following tables present our revenue disaggregated by markets and geography (in thousands):

	Three Months Ended	Three Months Ended	Six Months Ended	
	Three Months Ended	Three Months Ended	Six Months Ended	
Revenue by Market:				
Revenue by Market:				
	March 29, 2024	March 31, 2023	March 29, 2024	March 31, 2023
Revenue by Market:				
Industrial & Defense				
Industrial & Defense				
Industrial & Defense				
Data Center				
Data Center				
Data Center				
Telecom				
Telecom				
Telecom				
Total				
Total				
Total				
Revenue by Geographic Region:				
Revenue by Geographic Region:				
	March 29, 2024	March 31, 2023	March 29, 2024	March 31, 2023
Revenue by Geographic Region:				
United States				

United States
United States
China
China
China
Asia Pacific, excluding China ⁽¹⁾
Asia Pacific, excluding China ⁽¹⁾
Asia Pacific, excluding China ⁽¹⁾
Cayman Islands
Cayman Islands
Cayman Islands
Other Countries ⁽²⁾
Other Countries ⁽²⁾
Other Countries ⁽²⁾
Total
Total
Total

(1) Asia Pacific primarily represents Australia, Japan, Malaysia, Singapore, South Korea, Taiwan and Thailand.

(2) No country or region represented greater than 10% of our total revenue as of the dates presented, other than the United States, China and Asia Pacific region and Cayman Islands as presented above.

Revenue by geographic region is aggregated by customer billing address.

Contract Balances

We record contract assets or contract liabilities depending on the timing of revenue recognition, billings and cash collections on a contract-by-contract basis. Our contract liabilities primarily relate to deferred revenue, including advanced consideration received from customers for contracts prior to the transfer of control to the customer, and, therefore, revenue is subsequently recognized upon delivery of products and services.

The following table presents the changes in contract liabilities during the ~~three~~ six months ended December 29, 2023 March 29, 2024 (in thousands, except percentage):

Contract	Contract	December 29, 2023		September 29, 2023		\$		Contract	Contract		
		March 29, 2024		September 29, 2023		\$					
		2023	2024	2023	2024	Change	% Change				
Contract liabilities	Contract liabilities	\$5,604	\$	\$2,762	\$	\$2,842	103	Contract liabilities	\$5,214		
							103 %		\$2,762		
									\$2,452		
									89		
									89 %		

During the three and six months ended December 29, 2023 March 29, 2024, we recognized sales of \$2.4 million \$0.1 million and \$2.5 million, respectively, that were included in the contract liabilities balance as of the beginning of the period. The increase in contract liabilities during the ~~three~~ six months ended December 29, 2023 March 29, 2024 was primarily related to invoicing prior to when our customers obtain control of such products and or services.

3. ACQUISITIONS

RF Business of Wolfspeed, Inc.— On December 2, 2023, we completed the acquisition of certain assets and specified liabilities of the radio frequency (“RF”) business of Wolfspeed, Inc. (“Wolfspeed”) (the “RF Business,”), which was accounted for as a business combination (the “RF Business Acquisition”). The RF Business includes a portfolio of gallium nitride (“GaN”) on Silicon Carbide (“SiC”) products used in

high-performance RF and microwave applications. In connection with the RF Business Acquisition, we expect to assume control of a wafer fabrication facility in Research Triangle Park, North Carolina (the "RTP Fab") approximately two years following the closing of the RF Business Acquisition (the "RTP Fab Transfer"). Prior to the RTP Fab Transfer, Wolfspeed will continue to operate the facility and supply wafer product and other fabrication services to us pursuant to various agreements entered into between the parties concurrently with the closing of the RF Business Acquisition.

The purchase price for the RF Business Acquisition consisted of \$75.0 million payable in cash, subject to customary purchase price adjustments, and 711,528 shares of our common stock, with a fair value of \$60.8 million \$57.7 million, which were issued at the closing of the RF Business Acquisition. The shares of our common stock issued in connection with the RF Business Acquisition are subject to restrictions on the sale of shares until transfer of the RTP Fab to the Company is complete. In addition, if the RTP Fab has not transferred by the fourth anniversary of the closing date of the RF Business Acquisition, Wolfspeed will forfeit 25% of the share consideration. We funded the cash purchase price for the RF Business Acquisition through cash-on-hand.

During the three and six months ended December 29, 2023 March 29, 2024, we incurred acquisition-related transaction costs of approximately \$7.1 million, \$0.3 million and \$7.4 million, respectively, which are included in selling, general and administrative expense. We did not incur During the three and six months ended March 31, 2023, we incurred acquisition-related transaction costs associated with the RF Business Acquisition during the three months ended December 30, 2022, of approximately less than \$0.1 million, which are included in selling, general and administrative expense.

The following table summarizes the preliminary estimate of the purchase price (in thousands, except shares and closing share price amount):

	At Acquisition Date as Reported	December 29, 2023
Cash purchase consideration	\$ 75,000	
Number of shares of MACOM common stock issued at closing	711,528	
MACOM closing stock price on acquisition date	\$ 85.41	
Equity purchase consideration	60,772	
Total purchase consideration	\$ 135,772	

	At Acquisition Date as Reported	Measurement Period	At Acquisition Date as Reported March 29, 2024
Cash purchase consideration	\$ 75,000	\$ —	\$ 75,000
Number of shares of MACOM common stock issued at closing	711,528		
Fair value of shares issued	\$ 81.14		
Equity purchase consideration		60,772 (3,039)	57,733
Total purchase consideration	\$ 135,772	\$ (3,039)	\$ 132,733

During the six months ended March 29, 2024, we reduced the fair value of our common stock issued at the closing of the RF Business Acquisition by \$3.0 million, representing the discount for lack of marketability as the shares were unregistered.

The purchase price for the RF Business Acquisition has been allocated based on preliminary estimates of fair values of the acquired assets and assumed liabilities at the date of acquisition as follows (in thousands):

	At Acquisition Date as Reported	December 29, 2023
Current assets	\$ 160	
Inventory	23,574	
Property and equipment	35,415	
Intangible assets	60,000	
Prepayment for net assets associated with the RTP Fab Transfer	19,450	
Other non-current assets	6,735	
Total assets acquired	145,334	
Current liabilities	6,474	
Long-term liabilities	3,088	
Total liabilities assumed	9,562	
Purchase Price	\$ 135,772	

	At Acquisition Date		At Acquisition Date	
	as Reported		as Reported March	
	December 29, 2023		Period Adjustments	
Current assets	\$ 160	\$ (121)	\$ 39	
Inventory	23,574	6,358	29,932	
Property and equipment	35,415	—	35,415	
Intangible assets	60,000	(17,000)	43,000	
Prepayment for net assets associated with the RTP Fab Transfer	19,450	500	19,950	
Other non-current assets	6,735	(1,101)	5,634	
Goodwill	—	8,584	8,584	
Total assets acquired	145,334	(2,780)	142,554	
Current liabilities	6,474	159	6,633	
Long-term liabilities	3,088	100	3,188	
Total liabilities assumed	9,562	259	9,821	
Purchase Price	\$ 135,772	\$ (3,039)	\$ 132,733	

Intangible assets consist of technology, customer relationships, a favorable contract and backlog customer relationships with fair values of \$22.0 million, \$21.5 million, \$15.0 million \$14.5 million and \$1.5 million, \$7.0 million, respectively, and useful lives of 4.8 years, 8.8 years, 2.0 years and 0.88.8 years, respectively. We used variations of income approaches with estimates and assumptions developed by us to determine the fair values of technology, customer relationships and the favorable contract and backlog. contract. We valued technology by using the relief-from-royalty method, customer relationships and backlog by using the multi-period excess earnings method and the favorable contract by using the discounted cash flow method. We valued backlog using the multi-period excess earnings method and determined that the value for backlog is zero. The process for estimating the fair values of identifiable intangible assets requires the use of significant estimates and assumptions, including revenue growth rates, royalty rates, operating margin and discount rates. We used the cost and market approaches to determine the fair value of our property and equipment. We amortize definite-lived assets based on the pattern over which we expect to receive the economic benefit from these assets. During the three months ended March 29, 2024, based on additional information, we updated inputs and assumptions used to calculate the fair value of certain assets and liabilities, primarily resulting

in a decrease to the fair value of intangible assets of \$17.0 million, an increase to the fair value of inventory of \$6.4 million, with an offsetting increase to Goodwill. Due to these adjustments, the statement of operations for the three months ended March 29, 2024 includes a net benefit of \$0.1 million for intangible asset and inventory step-up amortization related to the quarter ended December 29, 2023.

The prepayment of ~~\$19.5 million~~ \$20.0 million for the net assets associated with the RTP Fab Transfer, classified in Other long-term assets in our condensed consolidated balance sheet, relates to the estimated future fair value of property and equipment, inventory and liabilities that we will assume control of at the time of the RTP Fab Transfer. The cost and market approaches were used in determining the fair value of \$14.1 million for property and equipment expected to transfer at the RTP Fab Transfer date. The remaining prepayment relates to inventory and liabilities, net, that we will assume control of at the time of the RTP Fab Transfer.

The determination and allocation of purchase price consideration is based on preliminary estimates of fair value; such estimates and assumptions are subject to change within the measurement period (up to one year from the acquisition date). As of ~~December 29, 2023~~ March 29, 2024, the purchase price allocation for the RF Business remains open as we gather additional information regarding the fair value of consideration transferred, the assets acquired and the liabilities assumed, primarily in relation to the valuation of intangibles, inventory, property and equipment, leases, the prepayment for the assets and liabilities to be conveyed with the RTP Fab Transfer and contingencies.

The RF Business has been included in our consolidated financial statements since the date of acquisition. During the fiscal quarter three and six months ended ~~December 29, 2023~~ March 29, 2024, the RF Business contributed approximately ~~\$6.2~~ \$35.7 million and \$41.9 million of our total revenue, respectively. The net income associated with the RF Business did not materially impact our consolidated net income for the quarter three and six months ended ~~December 29, 2023~~ March 29, 2024.

Consolidated estimated pro forma unaudited revenue for the fiscal quarters ended December 29, 2023 and December 30, 2022, net income as if the RF Business Acquisition had occurred on October 1, 2022, is \$184.0 million and \$222.4 million, respectively. Consolidated pro forma net loss for the fiscal quarters ended December 29, 2023 and December 30, 2022, as if the RF Business Acquisition had occurred on October 1, 2022, is \$13.9 million and \$31.3 million, respectively. follows (in thousands):

	Three Months Ended		Six Months Ended	
	March 29, 2024	March 31, 2023	March 29, 2024	March 31, 2023
Consolidated estimated pro forma unaudited revenue	\$ 181,234	\$ 205,610	\$ 365,219	\$ 428,060
Consolidated estimated pro forma unaudited net income (loss)	\$ 15,222	\$ (1,566)	\$ 1,297	\$ (32,842)

Pro forma revenue and net loss income (loss) was prepared for comparative purposes only and is not indicative of what would have occurred had the acquisition actually occurred on October 1, 2022, or of the results that may occur in the future. Pro forma net loss income (loss) includes business combination accounting effects from the RF Business Acquisition, primarily amortization expense from acquired intangible assets, acquisition transaction costs and tax-related effects. Pro forma earnings for the three and six months ended ~~December 29, 2023~~ was March 29, 2024 were adjusted to exclude transaction costs incurred of ~~\$15.5~~ \$0.3 million incurred during the quarter and \$15.8 million, respectively, and pro forma earnings for the three and six months ended ~~December 30, 2022~~ was March 31, 2023 were adjusted to and include ~~\$41.8~~ \$3.1 million and \$42.0 million, respectively, of transaction costs incurred associated with the RF Business Acquisition.

MESC— On May 31, 2023, we completed the acquisition of the key manufacturing facilities, capabilities, technologies and other assets and certain specified liabilities of OMMIC SAS, a semiconductor manufacturer based in Limeil-Brévannes, France with expertise in wafer fabrication, epitaxial growth and monolithic microwave integrated circuit (“MMIC”) processing and design. We are referring to this acquisition as the MACOM European Semiconductor Center Acquisition (the “MESC Acquisition”) and it was accounted for as a business combination. We completed the MESC Acquisition to expand our European footprint and to enable us to offer higher frequency gallium arsenide (“GaAs”) and GaN MMICs. Total cash consideration paid for the MESC Acquisition was approximately \$36.9 million and was funded with cash-on-hand. During the three months ended ~~December 29, 2023~~ and December 30, 2022 March 29, 2024, we did not incur any acquisition-related transaction costs. During the six months ended March 29, 2024, we incurred acquisition-related transaction costs of approximately ~~\$0.3~~ \$0.3 million, which are included in selling, general and administrative expense. During the three and six months ended March 31, 2023, we incurred acquisition-related transaction costs of approximately \$0.9 million and ~~\$0.8~~ \$1.6 million, respectively, which are included in selling, general and administrative expense.

The purchase price for the MESC Acquisition has been allocated based on preliminary estimates of fair values of the acquired assets and assumed liabilities at the date of acquisition as follows (in thousands):

	At Acquisition Date as Reported	December 29, 2023	March 29, 2024
Current assets	\$ 297		
Inventory	3,790		
Property and equipment	30,538		
Intangible assets	5,966		
Total assets acquired	40,591		
Current liabilities	3,734		
Total liabilities assumed	3,734		
Purchase Price	\$ 36,857		

As part of the acquisition, we assumed a lease agreement for the manufacturing facilities in France that provides us with the option to purchase the real property for an immaterial price at the end of the lease term, in October 2024. We expect to exercise this bargain purchase option and have recorded a right-of-use-asset of \$24.7 million in Property and equipment. The real property was valued using a market approach.

Intangible assets consist of technology and customer relationships of \$4.9 million and \$1.1 million, respectively, and both having useful lives of 8.3 years. We used the income approach to determine the fair value of the definite-lived intangible assets and the cost and market approaches to determine the fair value of our property, plant and equipment. We amortize definite-lived assets based on the pattern over which we expect to receive the economic benefit from these assets.

The determination and allocation of purchase price consideration is based on preliminary estimates of fair value; such estimates and assumptions are subject to change within the measurement period (up to one year from the acquisition date). As of December 29, 2023 March 29, 2024, the purchase price allocation for the MESC Acquisition remains open as we gather additional information regarding the assets acquired and the liabilities assumed, primarily in relation to the valuation of intangibles, inventory, property and equipment, leases, liabilities and contingencies. We did not recognize goodwill associated with this acquisition and there were no measurement period adjustments recognized during the quarter ended December 29, 2023 March 29, 2024.

Linearizer Technology, Inc.— On March 3, 2023, we completed the acquisition of Linearizer Technology, Inc. (“Linearizer”), a developer of modules and subsystems, including SSPAs, microwave predistortion linearizers and microwave photonics based in Hamilton, New Jersey (the “Linearizer Acquisition”), which was accounted for as a business combination. We acquired Linearizer to further strengthen our component and subsystem design expertise in our target markets. In connection with the Linearizer Acquisition, we acquired all of the outstanding shares of Linearizer for total cash consideration of approximately \$51.6 million, subject to customary purchase price adjustments. We funded the Linearizer Acquisition with cash-on-hand. During the three and six months ended December 29, 2023 March 29, 2024, we did not incur any acquisition-related transaction costs. During the three and six months ended March 31, 2023, we incurred acquisition-related transaction costs of approximately less than \$0.1 \$1.9 million, which are included in selling, general and administrative expense. There were no transaction costs for the three months ended December 30, 2022. The Linearizer Acquisition was accounted for as a business combination and the operations of Linearizer have been included in our consolidated financial statements since the date of acquisition.

The purchase price for We finalized the Linearizer Acquisition purchase accounting during the fiscal quarter ended March 29, 2024. The final purchase price has been allocated based on preliminary estimates of fair values of the acquired assets and assumed liabilities at the date of acquisition as follows (in thousands):

	At Acquisition Date as Reported September 29, 2023	At Acquisition Date as Reported September 29, 2023	Measurement Period Adjustments	At Acquisition Date as Reported December 29, 2023	At Acquisition Date as Reported September 29, 2023	Measurement Period Adjustments	At Acquisition Date as Reported March 29, 2024
Current assets							
Current assets							
Current assets							
Inventory							
Property and equipment							
Intangible assets							
Goodwill							
Total assets acquired							
Current liabilities							
Total liabilities assumed							
Purchase Price							

Intangible assets consist of customer relationships, technology and trade name with fair values of \$20.7 million, \$7.1 million and \$1.8 million, respectively, and useful lives of 8.6 years, 7.6 years and 7.6 years, respectively. We used the income approach to determine the fair value of the definite-lived intangible assets and the cost and market approaches to determine the fair value of our property, plant and equipment. We amortize definite-lived assets based on the pattern over which we expect to receive the economic benefit from these assets. The intangible assets and goodwill acquired will be amortizable for tax purposes due to the Internal Revenue Code of 1986 (IRC) Section 338 election filed.

The determination and allocation of purchase price consideration is based on preliminary estimates of fair value; such estimates and assumptions are subject to change within the measurement period (up to one year from the acquisition date). During the three months ended December 29, 2023, we increased the fair value of inventory by \$1.4 million with an offsetting reduction to Goodwill. As of December 29, 2023, the purchase price allocation for Linearizer remains open as we gather additional information regarding the assets acquired and the liabilities assumed, primarily in relation to the valuation of contingencies.

4. INVESTMENTS

All investments are short-term in nature and are invested in certificates of deposit, corporate bonds, commercial paper, and U.S. Treasury securities. Treasuries and agency bonds and are classified as available-for-sale. These certificates of deposit, corporate bonds, commercial paper and U.S. Treasury securities. Treasuries and agency bonds are owned directly by the Company and are segregated in brokerage custody accounts. The amortized cost, gross unrealized holding gains or losses and fair value of our available-for-sale investments by major investment type are summarized in the tables below (in thousands):

December 29, 2023	March 29, 2024
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	Amortized Cost	Gross Holding Gains	Gross Holding Losses	Aggregate Fair Value	Amortized Cost	Gross Holding Gains	Gross Holding Losses	Aggregate Fair Value
Certificates of deposit								
Corporate bonds								
Commercial paper								
U.S. Treasury securities								
U.S. Treasuries and agency bonds								
Total short-term investments								

September 29, 2023

	Amortized Cost	Gross Holding Gains	Gross Holding Losses	Aggregate Fair Value	Amortized Cost	Gross Holding Gains	Gross Holding Losses	Aggregate Fair Value
Corporate bonds								
Commercial paper								
U.S. Treasury securities								
U.S. Treasuries and agency bonds								
Total short-term investments								

The contractual maturities of available-for-sale investments were as follows (in thousands):

	December 29, 2023	September 29, 2023	March 29, 2024	September 29, 2023
Less than one year				
Over one year				
Total available-for-sale investments				

We have determined that the gross unrealized losses on available for sale securities as of December 29, 2023 March 29, 2024 and September 29, 2023 are temporary in nature and/or do not relate to credit loss, and therefore there is no expense for credit losses recorded in our condensed consolidated statements of operations. Unrealized gains and losses on available-for-sale investments are reported as a separate component of stockholders' equity within accumulated other comprehensive income.

Other Investments—As of December 29, 2023, we held a non-marketable equity investment in Series B preferred stock of a privately held manufacturing corporation with preferred liquidation rights over other equity shares. As the equity securities do not have a readily determinable fair value and do not qualify for the practical expedient under Accounting Standards Codification 820, *Fair Value Measurement*, we have elected to account for this investment at cost less any impairment. We

evaluate this investment for impairment at each balance sheet date. As of December 29, 2023 and September 29, 2023, the carrying value of this investment was \$2.5 million and it was classified as a long-term investment loss.

5. FAIR VALUE

We group our financial assets and liabilities measured at fair value on a recurring basis in three levels, based on the markets in which the assets and liabilities are traded, and the reliability of the assumptions used to determine fair value. These levels are:

Level 1 - Quoted prices in active markets for identical assets or liabilities.

Level 2 - Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities, quoted prices in markets with insufficient volume or infrequent transactions (less active markets), or model-driven valuations in which all significant inputs are observable or can be derived principally from, or corroborated with, observable market data.

Level 3 - Fair value is derived from valuation techniques in which one or more significant inputs are unobservable, including assumptions and judgments made by us.

Assets and Liabilities Measured and Recorded at Fair Value on a Recurring Basis

We measure certain assets and liabilities at fair value on a recurring basis such as our financial instruments. There have been no transfers between Level 1, 2 or 3 assets or liabilities during the three and six months ended December 29, 2023 March 29, 2024.

Assets and liabilities measured at fair value on a recurring basis consist of the following (in thousands):

	December 29, 2023				March 29, 2024				
	Fair Value	Fair Value	Active Markets for Identical Assets (Level 1)	Observable Inputs (Level 2)	Unobservable Inputs (Level 3)	Fair Value	Active Markets for Identical Assets (Level 1)	Observable Inputs (Level 2)	Unobservable Inputs (Level 3)
Assets									
Money market funds									
Money market funds									
Money market funds									
U.S. Treasury securities									
U.S. Treasuries and agency bonds									
Certificates of deposit									
Cash equivalents									
(1)									
Commercial paper									
Corporate bonds									
Total assets measured at fair value									

(1) Cash equivalents represent highly liquid investments with original maturities of 90 days or less, primarily in corporate bonds and U.S. Treasuries.

	September 29, 2023				
	Active Markets for		Observable Inputs (Level 2)	Unobservable Inputs (Level 3)	
	Fair Value	Identical Assets (Level 1)			
Assets					
Money market funds	\$ 111,388	\$ 111,388	\$ —	\$ —	\$ —
U.S. Treasury securities	21,910	21,910	—	—	—
Commercial paper	176,276	—	176,276	—	—

Corporate bonds	142,388	—	142,388	—
Total assets measured at fair value	\$ 451,962	\$ 133,298	\$ 318,664	\$ —

6. INVENTORIES

Inventories consist of the following (in thousands):

	December 29, 2023	September 29, 2023
	March 29, 2024	September 29, 2023
Raw materials		
Work-in-process		
Finished goods		
Total inventory, net		

7. PROPERTY AND EQUIPMENT

Property and equipment consists of the following (in thousands):

	December 29, 2023	September 29, 2023
	March 29, 2024	September 29, 2023
Construction in process		
Machinery and equipment		
Leasehold improvements		
Furniture and fixtures		
Computer equipment and software		
Finance lease assets		
Total property and equipment		
Less accumulated depreciation and amortization		
Property and equipment, net		

In August 2022, the U.S. government enacted the CHIPS and Science Act of 2022 (CHIPS Act), which provides funding for manufacturing grants and research investments and establishes a 25% investment tax credit for certain qualifying investments in U.S. semiconductor manufacturing equipment. As of March 29, 2024, we recognized \$3.6 million in Prepaid and other current assets with a corresponding reduction to the carrying amounts of the qualifying manufacturing assets in the condensed consolidated balance sheet.

Depreciation and amortization expense related to property and equipment for the three and six months ended December 29, 2023 March 29, 2024 was \$7.8 million and December 30, 2022 \$14.3 million, respectively. Depreciation and amortization expense related to property and equipment for the three and six months ended March 31, 2023 was \$6.5 million \$5.8 million and \$6.0 million \$11.8 million, respectively. Accumulated amortization on finance lease assets as of December 29, 2023 March 29, 2024 and September 29, 2023 was \$8.4 million \$9.0 million and \$7.8 million, respectively.

8. INTANGIBLE ASSETS

Amortization expense related to intangible assets is as follows (in thousands):

	Three Months Ended		Six Months Ended	
	March 29, 2024	March 31, 2023	March 29, 2024	March 31, 2023
Cost of revenue				
Cost of revenue				
Cost of revenue				
Research and development				
Research and development				
Research and development				
Selling, general and administrative				
Selling, general and administrative				
Selling, general and administrative				
Total				
Total				
Total				

A summary of the activity in gross intangible assets as of December 29, 2023 March 29, 2024 and September 29, 2023 is as follows (in thousands):

		December 29, 2023	December 29, 2023	December 29, 2023	
		March 29, 2024	March 29, 2024	March 29, 2024	
					Gross Carrying Amount
					Gross Carrying Amount
					Gross Carrying Amount
Acquired technology					
Acquired technology					
Acquired technology					
Backlog					
Backlog					
Backlog					
Customer relationships					
Customer relationships					

Customer relationships
Favorable contract
Favorable contract
Favorable contract
Internal-use software
Internal-use software
Internal-use software
Trade name (1)
Trade name (1)
Trade name (1)
Balance as of December 29, 2023 (2)
Balance as of December 29, 2023 (2)
Balance as of December 29, 2023 (2)
Balance as of March 29, 2024 (2)
Balance as of March 29, 2024 (2)
Balance as of March 29, 2024 (2)

	September 29, 2023		
	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount
Acquired technology	\$ 191,369	\$ (179,558)	\$ 11,811
Customer relationships	267,621	(225,827)	41,794
Internal-use software	8,350	—	8,350
Trade name (1)	5,200	(161)	5,039
Balance as of September 29, 2023 (2)	\$ 472,540	\$ (405,546)	\$ 66,994

(1) Includes an indefinite-lived trade name of \$3.4 million that is not amortized.

(2) Foreign intangible asset carrying amounts were affected by foreign currency translation.

As of December 29, 2023 March 29, 2024, our estimated amortization of our intangible assets in future fiscal years was as follows (in thousands):

2024 Remaining	2024 Remaining	2025	2026	2027	2028	Thereafter	Total	2024 Remaining	2025	2026	2027	2028	Thereafter	Total
Amortization expense														

A summary of the changes in goodwill as of December 29, 2023 and September 29, 2023 March 29, 2024 is as follows (in thousands):

	December 29, 2023 2024	
Balance as of September 29, 2023	\$	323,398
Acquired (1)		(1,407) 7,089
Foreign currency translation adjustment		498 (114)
Balance as of December 29, 2023 March 29, 2024	\$	322,489 330,373

(1) The reduction balance consists of \$1.4 an increase of \$8.6 million to goodwill is related to a measurement period adjustment adjustments for the RF Business Acquisition and a reduction of \$1.5 million to goodwill related to measurement period adjustments for the Linearizer Acquisition. For additional information refer to Note 3 - Acquisitions.

9. DEBT

The following represents the outstanding balances and effective interest rates of our borrowings as of December 29, 2023 March 29, 2024 and September 29, 2023, (in thousands, except percentages):

	December 29, 2023			September 29, 2023			March 29, 2024			September 29, 2023		
	Principal Balance	Effective		Principal	Effective		Principal Balance	Effective		Principal Balance	Effective	
		Principal	Interest		Balance	Rate		Interest	Rate		Balance	Rate
0.25% convertible notes due March 2026												
0.25% convertible notes due March 2026												
0.25% convertible notes due March 2026	450,000	0.54	0.54 %		450,000	0.54	0.54 %	450,000	0.54	0.54 %	450,000	0.54
Unamortized discount on deferred financing costs												
Unamortized discount on deferred financing costs												
Unamortized discount on deferred financing costs												
Total long-term debt, less current portion												
Total long-term debt, less current portion												
Total long-term debt, less current portion												

2026 Convertible Notes

On March 25, 2021, we issued 0.25% convertible senior notes due in fiscal year 2026, pursuant to an indenture dated as of such date (the "Indenture"), between the Company and U.S. Bank National Association, as trustee, with an aggregate principal amount of \$400.0 million (the "Initial Notes"), and on April 6, 2021, we issued an additional \$50.0 million aggregate principal amount (the "Additional Notes") (together, the "2026 Convertible Notes"). The aggregate principal balance of the 2026 Convertible Notes is \$450.0 million. The 2026 Convertible Notes will mature on March 15, 2026, unless earlier converted, redeemed or repurchased.

The Additional Notes were issued and sold to the initial purchaser of the Initial Notes, pursuant to the option to purchase the Additional Notes granted by the Company to the initial purchaser and have the same terms as the Initial Notes.

Holders of the 2026 Convertible Notes may convert their notes at their option at any time prior to the close of business on the business day immediately preceding December 15, 2025 in multiples of \$1,000 principal amount, only under the following circumstances: (i) during any fiscal quarter commencing after the fiscal quarter ending on July 2, 2021 (and only during such fiscal quarter), if the last reported sale price of our common stock for at least 20 trading days (whether or not consecutive)

during a period of 30 consecutive trading days ending on the last trading day of the immediately preceding fiscal quarter is greater than or equal to 130% of the conversion price for the notes on each applicable trading day; (ii) during the five business day period after any five consecutive trading day period (the "Measurement Period") in which the "trading price" (as defined in the Indenture) per \$1,000 principal amount of the notes for each trading day of the Measurement Period was less than 98% of the product of the last reported sale price of our common stock and the conversion rate for the notes on each such trading day; (iii) if we call such notes for redemption, at any time prior to the close of business on the second scheduled trading day immediately preceding the applicable redemption date; or (iv) upon the occurrence of specified corporate events described in the Indenture. On or after December 15, 2025 until the close of business on the second scheduled trading day immediately preceding the maturity date, holders may convert their notes in multiples of \$1,000 principal amount, regardless of the foregoing circumstances.

The initial conversion rate for the 2026 Convertible Notes is 12.1767 shares of common stock per \$1,000 principal amount of the notes, equivalent to an initial conversion price of approximately \$82.12 per share of common stock. The conversion rate will be subject to adjustment upon the occurrence of certain specified events in the Indenture.

In November 2021, we made an irrevocable election to pay cash for the aggregate principal amount of notes to be converted. Upon conversion of the 2026 Convertible Notes, we are required to pay cash up to the aggregate principal amount of the notes to be converted and pay or deliver, as the case may be, cash, shares of our common stock or a combination of cash and shares of our common stock, at our election, in respect of the remainder, if any, of our conversion obligation in excess of the aggregate principal amount of the notes being converted (subject to, and in accordance with, the settlement provisions of the

Indenture). We may not redeem the notes prior to March 20, 2024. We may redeem for cash all or any portion of the notes, at our option, on or after March 20, 2024 if the last reported sale price per share of our common stock has been at least 130% of the conversion price then in effect for at least 20 trading days (whether or not consecutive), including the trading day immediately preceding the date on which we provide notice of redemption, during any 30 consecutive trading day period ending on, and including, the trading day immediately preceding the date on which we provide notice of redemption, at a redemption price equal to 100% of the principal amount of the notes to be redeemed, plus accrued and unpaid interest, to, but not including, the redemption date.

The Indenture does not contain any financial or operating covenants or restrictions on the payments of dividends, the making of investments, the incurrence of indebtedness or the purchase or prepayment of securities by us or any of our subsidiaries.

For the three and six months ended December 29, 2023 and December 30, 2022 March 29, 2024, total interest expense for the 2026 Convertible Notes was \$0.3 million and \$0.6 million, respectively. For the three and six months ended March 31, 2023, total interest expense for the 2026 Convertible Notes was \$0.3 million and \$0.6 million, respectively.

The fair value of our 2026 Convertible Notes was \$556.2 million and \$512.5 million as of December March 29, 2023 2024 and September 29, 2023, respectively, and was determined based on quoted prices in markets that are not active, which is considered a Level 2 valuation input.

There are no future minimum principal payments under the notes as of December March 29, 2023; 2024; the full amount of \$450.0 million is due in fiscal year 2026. on March 15, 2026.

Term Loans

As of December 30, 2022 March 31, 2023, we were party to a credit agreement, dated as of May 8, 2014, with a syndicate of lenders and Goldman Sachs Bank USA, as administrative agent (as amended on February 13, 2015, August 31, 2016, March 10, 2017, May 19, 2017, May 2, 2018 and May 9, 2018, the "Credit Agreement").

On August 2, 2023, the Credit Agreement was terminated when we paid the total outstanding principal balance on our Term Loans of \$120.8 million and accrued interest of less than \$0.1 million with cash-on-hand.

There was no interest expense for the Term Loans for the three and six months ended December 29, 2023 March 29, 2024. For the three and six months ended December 30, 2022 March 31, 2023, total interest expense for the Term Loans was \$1.8 million, \$2.1 million and \$3.9 million, respectively.

10. FINANCING OBLIGATION

We are party to a power purchase agreement for the use of electric power and thermal energy producing systems at our fabrication facility in Lowell, Massachusetts. These systems are expected to reduce our consumption of energy while delivering sustainable, resilient energy for heating and cooling. We do not own these systems; however, we control the use of the assets during operation. As of December 29, 2023 March 29, 2024 and September 29, 2023, the net book value of the systems in Property and equipment, net was \$8.7 \$8.5 million and \$8.9 million, respectively, and the corresponding liability was \$9.5 \$9.4 million and \$9.6 million, respectively, primarily classified in Financing obligation on our condensed consolidated balance sheet. The initial financing obligation was calculated based on future fixed payments allocated to the power generator of \$16.8 million over the 15-year term, discounted at an implied discount rate of 7.4%, and the remaining future minimum payments are for power purchases. As of December 29, 2023 March 29, 2024 and September 29, 2023, we have \$25.3 \$24.8 million and \$25.5 million, respectively, in remaining fixed payments over a 14-year term associated with the power purchase agreement, of which \$15.7 \$15.4 million and \$15.9 million, respectively, is included in our consolidated balance sheets on a discounted basis.

As of December 29, 2023 March 29, 2024, expected future minimum payments for the financing obligation were as follows (in thousands):

Fiscal year ending:	Fiscal year ending:	Amount	Fiscal year ending:	Amount
2024				
2025				
2026				
2027				
2028				
Thereafter				
Total payments				
Less: interest				
Present value of liabilities				

11. EARNINGS PER SHARE

The following table sets forth the computation for basic and diluted net income per share of common stock (in thousands, except per share data):

Numerator:	Three Months Ended	
	December 29, 2023	December 30, 2022
Net income attributable to common stockholders	\$ 12,526	\$ 29,519

Denominator:			
Weighted average common shares outstanding-basic		71,425	70,481
Dilutive effect of convertible debt, stock options, restricted stock and restricted stock units		861	893
Weighted average common shares outstanding-diluted		72,286	71,374
Net income to common stockholders per share-Basic:	\$	0.18	\$ 0.42
Net income to common stockholders per share-Diluted:	\$	0.17	\$ 0.41

The table above includes the dilutive effect of 7,404 potential common shares for the 2026 Convertible Notes for the three months ended December 29, 2023. The 2026 Convertible Notes did not have an impact on diluted net income per share for the three months ended December 30, 2022.

	Three Months Ended		Six Months Ended	
	March 29, 2024	March 31, 2023	March 29, 2024	March 31, 2023
Numerator:				
Net income attributable to common stockholders	\$ 14,980	\$ 25,755	\$ 27,506	\$ 55,274
Denominator:				
Weighted average common shares outstanding-basic	72,076	70,799	71,750	70,640
Dilutive effect of stock options, restricted stock and restricted stock units	807	603	831	748
Dilutive effect of convertible debt	389	—	198	—
Weighted average common shares outstanding-diluted	73,272	71,402	72,779	71,388
Net income to common stockholders per share-Basic:	\$ 0.21	\$ 0.36	\$ 0.38	\$ 0.78
Net income to common stockholders per share-Diluted:	\$ 0.20	\$ 0.36	\$ 0.38	\$ 0.77

12. COMMITMENTS AND CONTINGENCIES

From time to time, we may be subject to commercial disputes, employment issues, claims by other companies in the industry that we have infringed their intellectual property rights and other similar claims and litigation. Any such claims may lead to future litigation and material damages and defense costs. We were not involved in any material pending legal proceedings during the three and six months ended December 29, 2023 March 29, 2024.

13. STOCKHOLDERS' EQUITY AND SHARE-BASED COMPENSATION

We have authorized 10 million shares of \$0.001 par value preferred stock and 300 million shares of \$0.001 par value common stock as of December 29, 2023 March 29, 2024.

Stock Plans

As of December 29, 2023 March 29, 2024, we had 3.9 million shares available for issuance under our 2021 Omnibus Incentive Plan (the "2021 Plan"), which replaced our 2012 Omnibus Incentive Plan (as amended and restated) (the "2012 Plan"), and 1.2 million shares available for issuance under our 2021 Employee Stock Purchase Plan (the "Employee Stock Purchase Plan"), which replaced our 2012 Employee Stock Purchase Plan. We have outstanding awards under the 2021 Plan and the 2012 Plan. Following the adoption of the 2021 Plan, no additional awards have been or will be made under the 2012 Plan. Under the 2021 Plan, we have the ability to issue incentive stock options ("ISOs"), non-statutory stock options ("NSOs"), stock appreciation rights ("SARs"), restricted stock awards ("RSAs"), unrestricted stock awards, stock units (including restricted stock units ("RSUs") and performance-based restricted stock units ("PRSUs")), performance awards, cash awards, and other share-based awards to employees, directors, consultants and advisors. The ISOs and NSOs must be granted at an exercise price, and the SARs must be granted at a base value, per share of not less than 100% of the closing price

of a share of our common stock on the date of grant (or, if no closing price is reported on that date, the closing price on the immediately preceding date on which a closing price was reported) (110% in the case of certain ISOs). Options granted under the 2012 Plan primarily vested based on certain market-based and performance-based criteria and generally have a term of four years to seven years. Certain of the share-based awards granted and outstanding as of **December 29, 2023** **March 29, 2024** are subject to accelerated vesting upon a change in control of the Company.

Incentive Stock Units

Aside from the equity plans described above, we also grant incentive stock units ("ISUs") to certain of our international employees which typically vest over three or four years and for which the fair value is determined by our underlying stock price, which are classified as liabilities and settled in cash upon vesting.

As of **December 29, 2023** **March 29, 2024** and September 29, 2023, the fair value of outstanding ISUs was **\$6.0** **\$6.1** million and \$5.0 million, respectively, and the associated accrued compensation liability was **\$2.3** **\$3.0** million and \$3.3 million, respectively. During the three and six months ended **December 29, 2023** and **December 30, 2022** **March 29, 2024**, we recorded an expense for ISU awards of \$0.9 million and \$1.4 million, respectively.

During the three and six months ended **March 31, 2023**, we recorded an expense for ISU awards of \$0.5 million and **\$1.3** **\$1.8** million, respectively. These expenses are not included in the share-based compensation expense totals below.

Share-Based Compensation

The following table shows a summary of share-based compensation expense included in the condensed consolidated statements of operations (in thousands):

	Three Months Ended		Six Months Ended	
	March 29, 2024	March 31, 2023	March 29, 2024	March 31, 2023
Cost of revenue				
Cost of revenue				
Cost of revenue				
Research and development				
Research and development				
Research and development				
Selling, general and administrative				
Selling, general and administrative				
Selling, general and administrative				
Total share-based compensation expense				
Total share-based compensation expense				
Total share-based compensation expense				

As of **December 29, 2023** **March 29, 2024**, the total unrecognized compensation costs related to RSUs and PRSUs was **\$93.2** million **\$80.9** million, which we expect to recognize over a weighted-average period of **2.3** **2.1** years. As of **December 29, 2023** **March 29, 2024**, total unrecognized compensation cost related to our Employee Stock Purchase Plan was **\$0.9 million** **\$0.3** million.

Restricted Stock Units and Performance-Based Restricted Stock Units

A summary of stock award activity for the **three** **six** months ended **December 29, 2023** **March 29, 2024** is as follows:

	Number of shares (in thousands)	Number of shares (in thousands)	Weighted- Average	Number of shares (in thousands)	Weighted- Average
Balance as of September 29, 2023					
Granted					
Performance-based adjustment (1)					
Vested and released					
Forfeited, canceled or expired					
Balance as of December 29, 2023					
Balance as of March 29, 2024					

(1) The amount shown represents performance adjustments for performance-based awards. These were granted in prior fiscal years and vested during the **three** **six** months ended **December 29, 2023** **March 29, 2024** based on the Company's achievement of adjusted earnings per share performance conditions.

Stock awards that vested during the **three** **six** months ended **December 29, 2023** **March 29, 2024** and **December 30, 2022** **March 31, 2023** had combined fair values of **\$33.3 million** **\$37.2 million** and **\$66.8 million** **\$81.3 million**, respectively, as of the vesting date. RSUs granted generally vest over a period of three or four years.

Market-based PRSUs

We granted 132,247 market-based PRSUs during the **three** **six** months ended **December 29, 2023** **March 29, 2024**, at a weighted average grant date fair value of \$88.88 per share. Recipients may earn between 0% and 200% of the target number of shares based on the Company's achievement of total stockholder return in comparison to a peer group of companies in the PHLX Semiconductor Sector Index (^SOX) over a period of approximately three years. The fair value of the awards was estimated using a Monte Carlo simulation and compensation expense is recognized ratably over the service period based on the grant date fair value of the awards subject to the market condition. The expected volatility of the Company's common stock was estimated based on the historical average volatility rate over the three-year period. The dividend yield assumption was based on historical and anticipated dividend payouts. The risk-free rate assumption was based on observed interest rates consistent with the three-year measurement period. The assumptions used to value the awards are as follows:

			Three Months Ended	December 29, 2023	Six Months Ended	March 29, 2024
Grant date stock price	Grant date stock price	\$ 73.01	Grant date stock price	\$ 73.01		
Average stock price at the start of the performance period	Average stock price at the start of the performance period	\$ 79.43	Average stock price at the start of the performance period	\$ 79.43		
Risk free interest rate	Risk free interest rate	4.6%	Risk free interest rate	4.6%		
Years to maturity	Years to maturity	2.9	Years to maturity	2.9		
Expected volatility rate	Expected volatility rate	41.7%	Expected volatility rate	41.7%		
Expected dividend yield	Expected dividend yield	—	Expected dividend yield	—		

Stock Options

As of **December 29, 2023** **March 29, 2024** and **September 29, 2023** there were 10,000 and 15,000 stock options outstanding, respectively, with a weighted-average exercise price per share of \$16.06. As of **December 29, 2023** **March 29, 2024**, the weighted-average remaining contractual term was **1.85** **1.61** years and the aggregate intrinsic value was \$0.8 million. Aggregate intrinsic value is calculated using the difference between our closing stock price on **December 29, 2023** **March 29, 2024** and the exercise price of outstanding, in-the-money options. The total intrinsic value of options exercised during the **three** **six** months ended **December 29, 2023** **March 29, 2024** was \$0.3 million. There were no options exercised during the **three** **six** months ended **December 30, 2022** **March 31, 2023**.

14. INCOME TAXES

We are subject to income tax in the U.S. as well as other tax jurisdictions in which we conduct business. Earnings from non-U.S. activities are subject to local country income tax and may also be subject to current U.S. income tax. For interim periods, we record a tax provision or benefit based upon the estimated effective tax rate expected for the full fiscal year, adjusted for material discrete taxation matters arising during the interim periods. Our quarterly tax provision or benefit, and its quarterly estimate of the annual effective tax rate, are subject to significant variation due to several factors. These factors include items such as: variability in accurately predicting pre-tax income/loss, the mix of jurisdictions in which we operate, intercompany transactions, changes in how we do business, tax law developments, the realizability of our deferred tax assets and related valuation allowance and relative changes in permanent tax benefits or expenses.

The provision for income taxes and effective income tax rate are as follows (in thousands, except percentages):

	Three Months Ended	Three Months Ended	Six Months Ended
	Three Months Ended	Three Months Ended	Six Months Ended
	Three Months Ended	Three Months Ended	Six Months Ended
	December 29, 2023	December 29, 2023	December 29, 2023
Income tax expense			
Income tax expense			
	March 29, 2024	March 31, 2023	March 29, 2024
Income tax expense			
Effective income tax rate	Effective income tax rate	23.1 %	31.2 %
Effective income tax rate			
Effective income tax rate			

The difference between the U.S. federal statutory income tax rate of 21% and our effective income tax rate for the three and six months ended December 29, 2023 March 29, 2024 was primarily driven by favorable stock based compensation and research and development ("R&D") tax credits, partially offset by foreign withholding taxes and global intangible low taxed income ("GILTI"). The difference between the U.S. federal statutory income tax rate of 21% and our effective income tax rate for the three and six months ended December 30, 2022 March 31, 2023 was primarily driven by tax on GILTI and including changes to Section 174, non-deductible compensation and state income taxes partially offset by income taxed in foreign jurisdictions generally at lower tax rates and R&D tax credits.

During the three six months ended December 29, 2023 March 29, 2024, we changed our position on having determined the earnings permanently reinvested for of one of our entities in India to are no longer having its earnings permanently reinvested. The result of this reinvested, and due to the change in our position, required us to record we recorded a foreign withholding tax expense of \$1.0 million associated with undistributed earnings during the three months ended December 29, 2023 earnings.

We recognize deferred tax assets to the extent that we believe that these assets are more likely than not to be realized. In making this determination, we consider available positive and negative evidence. We look at factors that may impact the valuation of our deferred tax assets including results of recent operations, future reversals of existing taxable temporary differences, projected future taxable income and tax-planning strategies.

There were no unrecognized tax benefits as of December 29, 2023 March 29, 2024 and September 29, 2023. It is our policy to recognize any interest and penalties accrued related to unrecognized tax benefits in income tax expense. During the fiscal quarter ended December 29, 2023 March 29, 2024, we did not make any accrual or payment of interest or penalties.

15. SUPPLEMENTAL CASH FLOW INFORMATION

The following is a summary of supplemental cash flow information for the periods presented (in thousands):

	Three Months Ended	
	December 29, 2023	December 30, 2022
	Six Months Ended	
	March 29, 2024	March 31, 2023
Cash paid for interest		
Cash paid for income taxes		
Non-cash activities:		
Operating lease right-of-use assets obtained in exchange for new lease liabilities		
Operating lease right-of-use assets obtained in exchange for new lease liabilities		
Operating lease right-of-use assets obtained in exchange for new lease liabilities		
Additions to property and equipment, net included in liabilities		
Additions to property and equipment, net included in liabilities		
Finance lease assets obtained in exchange for new lease liabilities		
Additions to property and equipment, net included in liabilities		

Operating lease right-of-use assets obtained in exchange for new lease liabilities includes \$5.6 million operating lease right-of-use assets acquired as part of the RF Business Acquisition. For additional information on the RF Business Acquisition, see Note 3 - *Acquisitions*.

16. GEOGRAPHIC AND SIGNIFICANT CUSTOMER INFORMATION

We have one reportable operating segment that designs, develops, manufactures and markets semiconductors and modules. The determination of the number of reportable operating segments is based on the chief operating decision maker's ("CODM") use of financial information provided for the purposes of assessing performance and making operating decisions. The Company's CODM is its President and Chief Executive Officer. In evaluating financial performance and making operating decisions, the CODM primarily uses consolidated metrics. The Company assesses its determination of operating segments at least annually. We continue to evaluate our internal reporting structure, **changes to our business** and the potential impact of **any these** changes on our segment reporting.

For information about our revenue in different geographic regions, based upon customer locations, see Note 2 - *Revenue*.

Information about net property and equipment in different geographic regions is presented below (in thousands):

	December 29, 2023	September 29, 2023
	March 29, 2024	September 29, 2023
United States		
France		
Other Countries ⁽¹⁾		
Asia Pacific ⁽¹⁾		
Other Countries ⁽²⁾		
Total		

(1) Asia Pacific represents China, Japan, Malaysia, South Korea, Taiwan and Thailand.

(2) Other than the United States, France and France, Asia Pacific region, no country or region represented greater than 10% of the total net property and equipment as of the dates presented.

The following is a summary of customer concentrations as a percentage of revenue and accounts receivable as of and for the periods presented:

	Three Months Ended			
	December 29, 2023		December 30, 2022	
Revenue	Customer A	13 %	—	
		Three Months Ended		Six Months Ended
Revenue		March 29, 2024	March 31, 2023	March 29, 2024
Customer A		12 %	—	11 %
		December 29, 2023		September 29, 2023
Accounts Receivable	Customer B A	2024	2023	2023
		14 16 %		—
		12 %		

Customer Concentration

Customer A did not represent more than 10% of our revenue in the three and six months ended December 30, 2022 March 31, 2023. Customer B and Customer C did not represent more than 10% of our revenue in the three months ended December 29, 2023 and December 30, 2022, respectively. No other customer represented more than 10% of revenue or accounts receivable in the periods presented in the accompanying condensed consolidated financial statements. For the three and six months ended December 29, 2023 and December 30, 2022 March 29, 2024, our top ten customers represented 57% and 52% 56%, respectively, of total revenue, and for the three and six months ended March 31, 2023, our top ten customers represented 48% and 49%, respectively, of total revenue.

17. RELATED-PARTY TRANSACTIONS

During the six months ended March 29, 2024, we purchased \$0.1 million of machinery and equipment from Gallium Semiconductor, an affiliate of director Susan Ocampo.

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

The following discussion of our financial condition and results of operations should be read in conjunction with the condensed consolidated financial statements and the notes thereto included elsewhere in this Quarterly Report on Form 10-Q and our Annual Report on Form 10-K for the fiscal year ended September 29, 2023 filed with the United States Securities and Exchange Commission ("SEC") on November 13, 2023 (the "2023 Annual Report on Form 10-K").

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Cautionary Note Regarding Forward-Looking Statements

This Item 2, "Management's Discussion and Analysis of Financial Condition and Results of Operations" and other sections of this Quarterly Report on Form 10-Q contain "forward-looking statements." In addition, we may make other written and oral communications from time to time that contain such statements. Forward-looking statements include statements regarding our business outlook, strategic plans and priorities, expectations, anticipated drivers of future revenue growth, our ability to develop new products, achieve market acceptance of those products and better address certain markets, expand our capabilities and extend our product offerings through the Linearizer Acquisition, the MESC Acquisition and the RF Business Acquisition, industry trends, the potential impacts of COVID-19 on our future operations and results, our estimated annual effective tax rate, our plans for use of our cash and cash equivalents and short-term investments, interest rate and foreign currency risks, our ability to meet working capital requirements, estimates and objectives for future operations, our future results of operations and our financial position, including liquidity, and other matters that do not relate strictly to historical facts. Forward-looking statements generally may be identified by terms such as "anticipates," "believes," "could," "continue," "estimates," "expects," "intends," "may," "plans," "potential," "predicts," "projects," "seeks," "should," "targets," "will," "would" or similar expressions or variations or the negatives of those terms. These statements are based on management's beliefs and assumptions as of the date of this Quarterly Report on Form 10-Q, based on information currently available to us. Such forward-looking statements are subject to risks, uncertainties and other factors that could cause actual results to differ materially from future results expressed or implied by such forward-looking statements. Important factors that could cause actual results to differ materially from the forward-looking statements include, among others, the risks described in the section entitled "Risk Factors" in this Quarterly Report on Form 10-Q and the 2023 Annual Report on Form 10-K. We caution the reader to carefully consider such factors. Furthermore, such forward-looking statements speak only as of the date of this Quarterly Report on Form 10-Q. Except as required by law, we undertake no obligation to update any forward-looking statements to reflect events or circumstances after the date of such statements.

Overview

We design and manufacture semiconductor products for the Industrial and Defense ("I&D"), Data Center and Telecommunications ("Telecom") industries. Headquartered in Lowell, Massachusetts, with operational facilities throughout North America, Europe and Asia, we design, develop and manufacture differentiated semiconductor products for customers who demand high performance, quality and reliability. We have more than 70 years of application expertise, combined with expertise in analog and mixed signal circuit design, compound semiconductor fabrication (including GaAs, GaN, indium phosphide ("InP") and specialized silicon), advanced packaging and back-end assembly and test. We offer a broad portfolio of thousands of standard and custom devices, which include integrated circuits ("IC"), multi-chip modules ("MCM"), diodes, amplifiers, switches and switch limiters, passive and active components and radio frequency ("RF") and optical subsystems, which make up dozens of product lines that service over 6,000 end customers in our three primary markets. Our products are electronic components that our customers generally incorporate into larger electronic systems, such as wireless basestations,

high-capacity optical networks, data center networks, radar, medical systems and test and measurement applications. Our primary end markets are: (1) I&D, which includes military and commercial radar, RF jammers, electronic countermeasures, communication data links, satellite communications and multi-market applications, which include industrial, medical, test and measurement and scientific applications; (2) Data Center, which includes intra-Data Center, Data Center Interconnect ("DCI") applications, at 100G, 200G, 400G, 800G and higher speeds, enabled by our broad portfolio of analog ICs and photonic components for high speed optical module customers; and (3) Telecom, which includes carrier infrastructure such as long-haul/metro, 5G satellite communications and Fiber-to-the-X ("FTTx")/passive optical network ("PON"), among others.

Description of Our Revenue

Revenue. Our revenue is derived from sales of high-performance RF, microwave, millimeter wave, optical and photonic semiconductor products. We design, integrate, manufacture and package differentiated, semiconductor-based products that we sell to customers through our direct sales organization, our network of independent sales representatives and our distributors.

We believe the primary drivers of our future revenue growth will include:

- continued growth in the demand for high-performance analog, digital and optical semiconductors in our three primary markets;
- introducing new products using advanced technologies, added features, higher levels of integration and improved performance;
- increasing content of our semiconductor solutions in customers' systems through cross-selling our product lines;
- leveraging our core strength and leadership position in standard, catalog products that service all of our end applications; and

- engaging early with our lead customers to develop custom and standard products.

Our core strategy is to develop and innovate high-performance products that address our customers' most difficult technical challenges in our primary markets: I&D, Data Center and Telecom.

We expect our revenue in the I&D market to be driven by the expanding product portfolio that we offer which services applications such as test and measurement, satellite communications, civil and military radar, industrial, automotive, scientific and medical applications, further supported by growth in applications for our multi-market catalog products.

We expect our revenue in the Data Center market to be driven by the adoption of cloud-based services and the upgrade of data center architectures to 100G, 200G, 400G and 800G interconnects, which we expect will drive adoption of higher speed optical and photonic components.

We expect our revenue in the Telecom market to be driven by 5G deployments, with continued upgrades and expansion of communications equipment, satellite communications networks and increasing adoption of our high-performance RF, millimeter wave, optical and photonic components.

Critical Accounting Policies and Estimates

Our discussion and analysis of our financial condition and results of operations are based on our condensed consolidated financial statements. The preparation of financial statements, in conformity with GAAP, requires management to make estimates and judgments that affect the reported amounts of assets and liabilities, the reported amounts of revenue and expenses during the reporting period and disclosure of contingent assets and liabilities at the date of the financial statements. By their nature, these estimates and judgments are subject to an inherent degree of uncertainty and could be material if our actual or expected experience were to change unexpectedly. On an ongoing basis, we re-evaluate our estimates and judgments.

We base our estimates and judgments on our historical experience and on other assumptions that we believe are reasonable under the circumstances, the results of which form the basis for making the judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results could differ from those estimates and material effects on our operating results and financial position may result. The accounting policies which our management believes involve the most significant application of judgment or involve complex estimation, are inventories and associated reserves; revenue reserves; business combinations; goodwill and intangible asset valuation; share-based compensation valuations and income taxes.

Business combinations

We apply significant estimates and judgments in order to determine the fair value of the identified tangible and intangible assets acquired, liabilities assumed and goodwill recognized in business combinations. The value of all assets and liabilities are recognized at fair value as of the acquisition date using a market participant approach. In measuring the fair value, we utilize a number of valuation techniques. When determining the fair value of property and equipment acquired, generally we must estimate the cost to replace the asset with a new asset taking into consideration such factors as age, condition and the economic useful life of the asset. When determining the fair value of intangible assets acquired, typically determined using a discounted cash flow valuation method, we use assumptions such as the timing and amount of future cash flows, discount rates, weighted average cost of capital and estimated useful lives. These assessments can be significantly affected by our judgments.

Goodwill and intangible asset valuation

Significant management judgment is required in our valuation of goodwill and intangible assets, many of which are based on the creation of forecasts of future operating results that are used in the valuation, including (i) estimation of future cash flows, (ii) estimation of the long-term rate of growth for our business, (iii) estimation of the useful life over which cash flows will occur, (iv) terminal values, if applicable, and (v) the determination of our weighted average cost of capital, which helps determine the discount rate. It is possible that these forecasts may change, and our performance projections included in our forecasts of future results may prove to be inaccurate. The value of our goodwill and purchased intangible assets could also be impacted by future adverse changes, such as a decline in the valuation of technology company stocks, including the valuation of our common stock, or a significant slowdown in the worldwide economy or in the optical communications equipment or semiconductor industry.

For additional information related to these and other accounting policies refer to *Note 2 - Summary of Significant Accounting Policies* to our Consolidated Financial Statements included in Item 8 of Part II, "Financial Statements and Supplementary Data," of the 2023 Annual

Report on Form 10-K and Note 1 - Basis of Presentation and Summary of Significant Accounting Policies to our Condensed Consolidated Financial Statements in this Quarterly Report on Form 10-Q.

Results of Operations

The following table sets forth, for the periods indicated, our statements of operations data (in thousands):

	Three Months Ended		Six Months Ended	
	March 29, 2024	March 31, 2023	March 29, 2024	March 31, 2023
Revenue				
Revenue				
Revenue				
Cost of revenue (1)				
Cost of revenue (1)				
Cost of revenue (1)				
Gross profit				
Gross profit				
Gross profit				
Operating expenses:				
Operating expenses:				
Operating expenses:				
Research and development (1)				
Research and development (1)				
Research and development (1)				
Selling, general and administrative (1) (2)				
Selling, general and administrative (1) (2)				
Selling, general and administrative (1) (2)				
Total operating expenses				
Total operating expenses				
Total operating expenses				
Income from operations				
Income from operations				
Income from operations				
Other income (expense):				
Other income (expense):				
Other income (expense):				
Interest income				
Interest income				
Interest income				
Interest expense				

Interest expense
Interest expense
Other expense, net
Other expense, net
Other expense, net
Total other income
Total other income
Total other income
Income before income taxes
Income before income taxes
Income before income taxes
Income tax expense
Income tax expense
Income tax expense
Net income
Net income
Net income

(1) Includes (a) Amortization expense related to intangible assets arising from acquisitions and (b) Share-based compensation expense included in our condensed consolidated statements of operations as set forth below (in thousands):

	Three Months Ended		Six Months Ended	
	March 29, 2024	March 31, 2023	March 29, 2024	March 31, 2023
(a) Intangible amortization expense:				
(a) Intangible amortization expense:				
(a) Intangible amortization expense:				
Cost of revenue				
Cost of revenue				
Cost of revenue				
Research and development				
Research and development				
Research and development				
Selling, general and administrative				
Selling, general and administrative				
Selling, general and administrative				
(b) Share-based compensation expense:				
(b) Share-based compensation expense:				
(b) Share-based compensation expense:				
Cost of revenue				
Cost of revenue				
Cost of revenue				

Research and development
Research and development
Research and development
Selling, general and administrative
Selling, general and administrative
Selling, general and administrative

(2) The three months ended December 29, 2023 March 29, 2024 and December 30, 2022 March 31, 2023 include \$8.4 \$0.7 million and \$0.8 \$2.8 million, respectively, of acquisition-related professional fees and other expense expenses. The six months ended March 29, 2024 and March 31, 2023 include \$9.1 million and \$3.6 million, respectively, of acquisition-related professional fees and other expenses.

The following table sets forth, for the periods indicated, our statements of operations data expressed as a percentage of our revenue:

	Revenue	Three Months Ended				Six Months Ended			
		March 29, 2024		March 31, 2023		March 29, 2024		March 31, 2023	
		100.0	%	100.0	%	100.0	%	100.0	%
Revenue	Revenue								
Revenue									
Revenue									
Cost of revenue									
Cost of revenue									
Cost of revenue									
Gross profit	Gross profit								
Gross profit									
Gross profit									
Operating expenses:									
Operating expenses:									
Operating expenses:									
Research and development									
Research and development									
Research and development									
Selling, general and administrative									
Selling, general and administrative									
Selling, general and administrative									
Total operating expenses									
Total operating expenses									
Total operating expenses									
Income from operations									
Income from operations									
Income from operations									
Other income (expense):									

Other income (expense):						
Other income (expense):						
Interest income						
Interest income						
Interest income						
Interest expense						
Interest expense						
Interest expense						
Other expense, net						
Other expense, net						
Other expense, net						
Total other income						
Total other income						
Total other income						
Income before income taxes						
Income before income taxes						
Income before income taxes						
Income tax expense						
Income tax expense						
Income tax expense						
Net income	Net income	8.3 %	15.2 %	8.1 %	15.8 %	
Net income						
Net income						

Comparison of the Three and Six Months Ended December 29, 2023 March 29, 2024 to the Three and Six Months Ended December 30, 2022 March 31, 2023

Revenue. Our revenue decreased increased by \$23.0 million \$11.8 million, or 12.7% 7.0%, to \$157.1 million \$181.2 million for the three months ended December 29, 2023 March 29, 2024, from \$180.1 million \$169.4 million for the three months ended December 30, 2022 March 31, 2023, and our revenue decreased by \$11.1 million, or 3.2%, to \$338.4 million for the six months ended March 29, 2024, from \$349.5 million for the six months ended March 31, 2023. The decrease increase in revenue in the three months ended December 29, 2023 March 29, 2024 and the decrease in revenue in the six months ended March 29, 2024 is described by end market in the following paragraphs.

Revenue from our primary markets, the percentage of change between the periods presented, and revenue by primary markets expressed as a percentage of total revenue in the periods presented were (in thousands, except percentages):

	Three Months Ended		%	Six Months Ended		%
	March 29, 2024	March 31, 2023		Change	March 29, 2024	
Industrial & Defense	\$ 90,887	\$ 77,194	17.7 %	\$ 167,885	\$ 154,363	8.8 %

Data Center	43,147	38,324	12.6	%	92,659	79,810	16.1	%
Telecom	47,200	53,888	(12.4)	%	77,838	115,337	(32.5)	%
Total	\$ 181,234	\$ 169,406	7.0 %		\$ 338,382	\$ 349,510	(3.2)%	

Industrial &
Defense

Industrial &

Defense

Industrial &
Defense

Data Center

Data Center

Data Center

Telecom

Telecom

Telecom

Total

Total

Total

Industrial &
Defense

Industrial &
Defense

Industrial &
Defense

Data Center

Data Center

Data Center

Telecom

Telecom

Telecom

Total

Total

Total

In the three months ended December 29, 2023 March 29, 2024, our I&D market revenue decreased increased by \$0.2 million \$13.7 million, or 0.2% 17.7%, compared to the three months ended December 30, 2022 March 31, 2023. In the six months ended March 29, 2024, our I&D market revenue increased by \$13.5 million, or 8.8%, compared to the six months ended March 31, 2023. The decrease increase in the three and six months ended December 29, 2023 March 29, 2024 was primarily driven by revenue from recent acquisitions, partially offset by lower sales of legacy products for industrial markets partially offset by incremental revenue from recent acquisitions and an increase in timing of defense program shipments.

In the three months ended December 29, 2023 March 29, 2024, our Data Center market revenue increased by \$8.0 million \$4.8 million, or 19.3% 12.6%, compared to the three months ended December 30, 2022 March 31, 2023. In the six months ended March 29, 2024, our

Data Center market revenue increased by \$12.8 million, or 16.1%, compared to the six months ended March 31, 2023. The increase in the three and six months ended December 29, 2023 March 29, 2024 was primarily driven by an increase in sales of 400G and 800G high-performance analog Data Center products, partially offset by a decrease in sales of our legacy connectivity products.

In the three months ended December 29, 2023 March 29, 2024, our Telecom market revenue decreased by \$30.8 million \$6.7 million, or 50.1% 12.4%, compared to the three months ended December 30, 2022 March 31, 2023. In the six months ended March 29, 2024, our Telecom market revenue decreased by \$37.5 million, or 32.5%, compared to the six months ended March 31, 2023. The decrease for the three and six months ended December 29, 2023 March 29, 2024 was primarily driven by a decrease in sales of carrier-based optical semiconductor products, a decrease in sales of RF and microwave products for broadband access and a decrease in sales of legacy carrier-based optical semiconductor products, partially offset by incremental revenue from recent acquisitions.

We continue to be negatively impacted by the current macroeconomic conditions, which we expect may result in weaker near-term demand for our products across all three of our primary markets.

Gross profit. Gross margin was 55.6% 52.5% and 61.3% 60.6% for the three months ended December 29, 2023 March 29, 2024 and December 30, 2022 March 31, 2023, respectively, respectively, and 53.9% and 61.0% for the six months ended March 29, 2024 and March 31, 2023. Gross profit was \$87.3 million \$95.2 million and \$110.4 million \$102.7 million for the three months ended December 29, 2023 March 29, 2024 and December 30, 2022 March 31, 2023, respectively, respectively, and \$182.5 million and \$213.0 million for the six months ended March 29, 2024 and March 31, 2023. Gross profit decreased for the three months ended December 29, 2023 March 29, 2024 as compared to the three months ended December 30, 2022 March 31, 2023 primarily as a result of increased employee headcount associated with acquisitions, product mix and under absorbed production costs, partially offset by higher sales primarily driven by the RF Business Acquisition. Gross profit decreased for the six months ended March 29, 2024 as compared to the six months ended March 31, 2023 primarily as a result of lower sales, increases in product mix, increased employee headcount associated with acquisitions, higher intangible asset amortization and depreciation expense, partially offset by decreases in production supplies expense.

Research and development. Research and development expense increased by \$0.6 million \$10.1 million, or 1.5% 28.4%, to \$39.4 million \$45.6 million, or 25.2% of our revenue, for the three months ended March 29, 2024, compared to \$35.5 million, or 21.0% of our revenue, for the three months ended March 31, 2023. Research and development expense increased by \$10.7 million, 14.3%, to \$85.0 million, or 25.1% of our revenue, for the three six months ended December 29, 2023 March 29, 2024, compared to \$38.8 million, \$74.4 million, or 21.6% 21.3% of our revenue, for the three six months ended December 30, 2022 March 31, 2023. Research and development expense increased in the three months ended December 29, 2023 March 29, 2024 primarily as a result of increases in employee-related costs, driven by higher headcount due to acquisitions, and share-based compensation expense. Research and development expense increased in the six months ended March 29, 2024 primarily as a result of increased employee headcount due to acquisitions, design software costs and supplies expense, partially offset primarily by decreases in development foundry costs and share-based compensation expense.

Selling, general and administrative. Selling, general and administrative expense increased by \$3.9 \$2.9 million, or 12.0% 9.4%, to \$36.9 million \$34.2 million, or 23.5% 18.9% of our revenue, for the three months ended December 29, 2023 March 29, 2024, compared to \$32.9 million \$31.2 million, or 18.3% 18.4% of our revenue, for the three months ended December 30, 2022 March 31, 2023. Selling, general and administrative expense increased by \$6.9 million, or 10.7%, to \$71.1 million, or 21.0% of our revenue, for the six months ended March 29, 2024, compared to \$64.2 million, or

18.4% of our revenue, for the six months ended March 31, 2023. Selling, general and administrative expense increased in the three months ended December 29, 2023 March 29, 2024 primarily due to an increase in acquisition-related costs employee headcount due to acquisitions. Selling, general and administrative expense increased in the six months ended March 29, 2024 primarily due to an increase in employee headcount due to acquisitions and an increase in acquisition-related costs, partially offset primarily by lower intangible amortization and share-based compensation expense.

Interest income. In the three months ended December 29, 2023 March 29, 2024, interest income was \$5.6 million \$5.4 million, compared to \$3.7 million \$5.1 million for the three months ended December 30, 2022 March 31, 2023. In the six months ended March 29, 2024, interest income was \$10.9 million, compared to \$8.7 million for the six months ended March 31, 2023. The increase for the three and

six months ended December 29, 2023 March 29, 2024 is primarily due to the general increase in interest rates on both our short-term investments and our money market balances. investments.

Interest expense. In the three months ended December 29, 2023 March 29, 2024, interest expense was \$1.3 million, compared to \$3.1 million \$3.4 million for the three months ended December 30, 2022 March 31, 2023. In the six months ended March 29, 2024, interest expense was \$2.6 million, compared to \$6.5 million for the six months ended March 31, 2023. The decrease for the three and six months ended December 29, 2023 March 29, 2024 is primarily due to the August 2023 payment of the total outstanding principal balance of the Term Loans.

Provision for income taxes. In the three months ended December 29, 2023, Our income tax expense was \$2.8 million, compared to \$9.6 million and effective income tax rates for the periods indicated were (in thousands, except percentages):

	Three Months Ended		Six Months Ended	
	March 29, 2024	March 31, 2023	March 29, 2024	March 31, 2023
Income tax expense	4,508	11,660	7,258	21,271
Effective income tax rate	23.1 %	31.2 %	20.9 %	27.8 %

The primary driver for the rate reduction for the three and six months ended December 30, 2022. In March 29, 2024 as compared to the three and six months ended December 29, 2023, March 31, 2023 was the effective income tax rate was 18.0%, compared benefit relating to 24.6% for a partial deduction attributable to the three months ended December 30, 2022. inclusion of GILTI income.

The difference between the U.S. federal statutory income tax rate of 21% and our effective income tax rate for the three and six months ended December 29, 2023 March 29, 2024 was primarily driven by favorable stock based compensation and R&D tax credits, partially offset by foreign withholding taxes and GILTI. The difference between the U.S. federal statutory income tax rate of 21% and our effective income tax rate for the three and six months ended December 30, 2022 March 31, 2023, was primarily driven by tax on GILTI, and including the required capitalization of R&D expenses, non-deductible compensation and state income taxes partially offset by income taxed in foreign jurisdictions generally at lower tax rates, and R&D tax credits.

Our estimated annual effective tax rate for the year ending September 27, 2024 is expected to be approximately 23% 22%, adjusted for discrete taxation matters arising during the interim periods.

For additional information refer to Note 14 - Income Taxes to our Condensed Consolidated Financial Statements in this Quarterly Report on Form 10-Q.

Liquidity and Capital Resources

The following table summarizes our cash flow activities (in thousands):

	Three Months Ended	
	December 29, 2023	December 30, 2022
	Six Months Ended	
Cash and cash equivalents, beginning of period	March 29, 2024	March 31, 2023
Net cash provided by operating activities		
Net cash used in investing activities		
Net cash used in financing activities		
Foreign currency effect on cash		
Cash and cash equivalents, end of period		

Cash Flow from Operating Activities

Our cash flow from operating activities for the **three** **six** months ended **December 29, 2023** **March 29, 2024** of **\$33.1 million** **\$51.3 million** consisted of a net income of **\$12.5 million** **\$27.5 million** plus adjustments of **\$21.5 million** **\$54.4 million**, to reconcile our net income to cash provided by operating activities, less cash used in operating assets and liabilities of **\$0.9 million** **\$30.6 million**. Adjustments to reconcile our net income to cash provided by operating activities primarily included depreciation and intangible amortization expense of **\$14.3 million** **\$31.5 million** and share-based compensation expense of **\$8.7 million** **\$20.7 million**. In addition, cash used in operating assets and liabilities was **\$0.9 million** **\$30.6 million** for the **three** **six** months ended **December 29, 2023** **March 29, 2024**, primarily driven by an increase in accounts receivables of **\$12.2 million** **\$31.3 million**, an increase in inventories of **\$12.3 million**, partially offset by an increase of **\$6.6 million** in accrued and other liabilities, an increase of **\$2.1 million** **\$19.2 million** in accounts payable. The increases in accounts receivable and accounts payable and were primarily a decrease in inventories result of **\$1.6 million** the integration of the RF Business during the three months ended **March 29, 2024**.

Our cash flow from operating activities for the **three** **six** months ended **December 30, 2022** **March 31, 2023** of **\$38.3 million** **\$70.7 million** consisted of a net income of **\$29.5 million** **\$55.3 million** plus adjustments of **\$32.6 million** **\$63.3 million**, to reconcile our net income to cash provided by operating activities less cash used in operating assets and liabilities of **\$23.8 million** **\$47.8 million**. Adjustments to reconcile our net income to cash provided by operating activities primarily included depreciation and intangible amortization expense of **\$12.9 million** **\$25.4 million**, share-based compensation expense of **\$11.0 million**, **\$20.5 million** and deferred income tax expense of **\$9.1 million** **\$20.2 million**. In addition, cash used in operating assets and liabilities was **\$23.8 million** **\$47.8 million** for the **three** **six** months ended **December 30, 2022** **March 31, 2023**, primarily driven by a decrease of **\$17.5 million** in accrued and other liabilities, an increase in accounts receivable of **\$10.5 million** **\$18.3 million**, and an increase in inventories of **\$6.4 million** and a decrease of **\$10.3 million** in accrued and other liabilities, partially offset by an increase in accounts payable of **\$3.7 million** **\$8.2 million**.

Cash Flow from Investing Activities

Our cash flow used in investing activities for the **three** **six** months ended **December 29, 2023** **March 29, 2024** of **\$34.8 million** **\$100.1 million** consisted primarily of **\$75.0 million** cash paid for acquisitions, net of cash acquired of **\$74.8 million** for acquisitions, capital expenditures of **\$4.7 million** **\$9.8 million** and purchases of **\$55.4 million** **\$230.6 million** of short-term investments, offset by proceeds of **\$100.3 million** **\$215.1 million** for the sale and maturity of short-term investments. For additional information on the cash paid for our acquisitions, see *Note 3 - Acquisitions* to our Condensed Consolidated Financial Statements in this Quarterly Report on Form 10-Q.

Our cash flow used in investing activities for the **three** **six** months ended **December 30, 2022** **March 31, 2023** of **\$8.0 million** **\$25.0 million** consisted primarily of cash paid for the Linearizer Acquisition, net of cash acquired of **\$50.8 million**, capital expenditures of **\$15.6 million** and purchases of **\$145.3 million** **\$228.2 million** of short-term investments, and capital expenditures of **\$9.6 million**, offset by proceeds of **\$147.0 million** **\$261.6 million** for the sale and maturity of short-term investments, investments and proceeds from the sale of equipment of **\$8.0 million**.

Cash Flow from Financing Activities

During the **three** **six** months ended **December 29, 2023** **March 29, 2024**, our cash used in financing activities of **\$9.1 million** **\$10.4 million** was primarily related to **\$11.6 million** of repurchases **\$12.5 million** of common stock withheld associated with employee tax withholdings taxes on vested equity awards, partially offset by **\$2.8 million** of proceeds from stock option exercises and employee stock purchases.

During the **three** **six** months ended **December 30, 2022** **March 31, 2023**, our cash used in financing activities of **\$24.3 million** **\$29.5 million** was primarily related to **\$26.4 million** of repurchases **\$31.3 million** of common stock withheld associated with employee tax withholdings taxes on vested equity awards, partially offset by **\$2.3 million** of proceeds from employee stock purchases.

Liquidity

As of **December 29, 2023** **March 29, 2024**, we held **\$163.6 million** **\$115.0 million** of cash and cash equivalents, primarily deposited with financial institutions, as well as **\$299.7 million** **\$361.4 million** of liquid short-term investments. The undistributed earnings of certain foreign subsidiaries are considered indefinitely reinvested for the periods presented and we do not intend to repatriate such earnings. We believe the decision to reinvest these earnings will not have a significant impact on our liquidity. As of **December 29, 2023** **March 29, 2024**, cash held by our indefinitely reinvested foreign subsidiaries was **\$7.3 million** **\$7.4 million**, which, along with cash generated from foreign operations, is expected to be used in the support of international growth and working capital requirements as well as the repayment of certain intercompany loans.

Holders of the 2026 Convertible Notes may convert their notes at their option at any time prior to the close of business on the business day immediately preceding December 15, 2025 in multiples of \$1,000 principal amount, if the last reported sale price of our common stock for at least 20 trading days (whether or not consecutive) during a period of 30 consecutive trading days ending on the last trading day of the immediately preceding fiscal quarter is greater than or equal to \$106.76 for the notes on each applicable trading day. We made an irrevocable election to pay cash for the principal amount of notes to be converted. The aggregate principal balance of the 2026 Convertible Notes is \$450.0 million.

We plan to use our remaining available cash and cash equivalents and short-term investments for general corporate purposes, including working capital, or for the acquisition of or investment in complementary technologies, design teams, products and businesses. We believe that our cash and cash equivalents, short-term investments and cash generated from operations will be sufficient to meet our working capital requirements for at least the next twelve months. We may need to raise additional capital from time to time through the issuance and sale of equity or debt securities, and there is no assurance that we will be able to do so on favorable terms or at all.

As of **December 29, 2023** **March 29, 2024**, we had no off-balance sheet arrangements.

For additional information related to our Liquidity and Capital Resources, see Note 9 - *Debt* to our Condensed Consolidated Financial Statements in this Quarterly Report on Form 10-Q.

Recent Accounting Pronouncements

See Note 1 - *Basis of Presentation and Summary of Significant Accounting Policies* to our Condensed Consolidated Financial Statements in this Quarterly Report on Form 10-Q for information about recent accounting pronouncements.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

We are exposed to market risk in the ordinary course of business, which consists primarily of interest rate risk associated with our cash and cash equivalents, short-term investments and our variable rate debt, as well as foreign exchange rate risk.

Interest rate risk. The primary objectives of our investment activity are to preserve principal, provide liquidity and invest excess cash for an average rate of return. To minimize market risk, we maintain our portfolio in cash and diversified investments, which may consist of corporate bonds, bank deposits, money market funds, commercial paper and U.S. **Treasury securities.** **Treasuries and agency bonds.** The interest rates are variable and fluctuate with current market conditions. The risk associated with fluctuating interest rates is limited to this investment portfolio. We believe that a 10% change in interest rates would not have a material impact on our financial position or results of operations. We do not enter into financial instruments for trading or speculative purposes.

On August 2, 2023, we paid the total outstanding principal balance on our Term Loans. The interest rates on our 2026 Convertible Notes are fixed and therefore not subject to interest rate risk. For additional information regarding our Term Loans and Convertible Notes, refer to Note 9 - *Debt*.

Foreign currency risk. To date, our international customer agreements have been denominated primarily in U.S. dollars. Accordingly, we have limited exposure to foreign currency exchange rates. The functional currency of a majority of our foreign operations continues to be in U.S. dollars with the remaining operations being local currency. Changes in the value of the U.S. dollar relative to other currencies could make our products more expensive, which could negatively impact demand in certain regions, reduce or delay customer orders, or otherwise negatively affect how customers do business with us. The effects of exchange rate fluctuations on the net assets of the majority of our operations are accounted for as transaction gains or losses. We believe that a change of 10% in such foreign currency exchange rates would not have a material impact on our financial position or results of operations. In the future, we may enter into foreign currency exchange hedging contracts to reduce our exposure to changes in exchange rates.

ITEM 4. CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

As of the end of the period covered by this Quarterly Report on Form 10-Q, we carried out an evaluation of the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Rule 13a-15(e) under the Securities Exchange Act of 1934, as amended (the "Exchange Act")). Based on this evaluation, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) were effective as of **December 29, 2023** **March 29, 2024**.

Changes in Internal Control over Financial Reporting

There were no changes to our internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) of the Exchange Act) that occurred during our most recent fiscal quarter that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

Limitations on Controls

Our disclosure controls and procedures and internal control over financial reporting are designed to provide reasonable assurance of achieving the desired control objectives. Our management recognizes that any control system, no matter how well designed and operated, is based upon certain judgments and assumptions and cannot provide absolute assurance that its objectives will be met. Similarly, an evaluation of controls cannot provide absolute assurance that misstatements due to error or fraud will not occur or that all control issues and instances of fraud, if any, have been detected.

PART II—OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS

See Note 12 - *Commitments and Contingencies* to our Condensed Consolidated Financial Statements in this Quarterly Report on Form 10-Q for information about our legal proceedings.

ITEM 1A. RISK FACTORS

Our business involves a high degree of risk. In addition to the other information set forth in this Quarterly Report on Form 10-Q, you should carefully consider the factors discussed in Part I, "Item 1A. Risk Factors" in our 2023 Annual Report on Form 10-K, which could materially affect our business, financial condition or future results. As of the date of this Quarterly Report on Form 10-Q, there have been no material changes in any of the risk factors described in our 2023 Annual Report on Form 10-K except as noted below.

Our business and operations could suffer in the event of a security breach, cybersecurity incident or disruption of our information technology systems.

We rely on our information technology ("IT") systems and services for the effective operation of our business and for the secure maintenance and storage of confidential data relating to our business. These systems and services are both internally managed and outsourced, and, in many cases, we rely upon third-party service providers. Any failure of these internal or third party systems and services to operate effectively could disrupt our operations and have a material adverse effect on our business, financial condition and/or results of operations. Our operations are dependent upon our ability to protect our IT infrastructure against damage from business continuity events that could have a significant disruptive effect. Although our internal IT team actively takes steps to protect our information and operational systems, unauthorized persons or disloyal insiders may be able to penetrate our security controls, and develop and deploy viruses, worms and other malicious software programs that compromise and/or exfiltrate our confidential information or that of third parties and cause a disruption or failure of our information and/or operational technology systems. In addition, we have in the past and may in the future be subject to attacks in which third parties attempt to obtain personal information and or infiltrate our systems to obtain proprietary or confidential information, disrupt operations by deploying malicious code, viruses or malware (such as ransomware). Cyberattacks are increasing in number and sophistication, are often well-financed, in some cases supported by state actors, and are designed to not only attack, but also to evade detection. Since the techniques used by cyber attackers change frequently and are often not recognized until launched against a target, we may be unable to anticipate these techniques or to implement adequate preventative measures. In addition to other factors, our position within the supply chain to the U.S. Government may increase our risk of being targeted by malicious actors. Similarly, attackers could implant malicious code into software that we may purchase, and this supply chain vulnerability could disrupt our operations, compromise our data or lead to other cyber harms. Recent global developments have created an environment in which malicious actors may have increased opportunity and motivation for breaching or compromising our systems.

Any compromise of our information or operational technology systems could result in unauthorized publication, exfiltration or misappropriation of our confidential business or proprietary information or intellectual property; result in the unauthorized release of customer, supplier or employee data; lead to violations of privacy or other laws; extortion; allow competitors to profit from our intellectual

property or trade secrets; delay or disrupt our operations; expose us to a risk of investigations and litigation; cause us to incur direct losses if attackers access our bank or investment accounts; undermine investor or market confidence, or damage our reputation. The direct and indirect cost and operational consequences of implementing data protection measures either as a response to specific breaches or as a result of evolving risks could be significant. In addition, our inability to use or access our information or operational systems at critical points in time could adversely affect the timely and efficient operation of our business. Any delayed sales, significant costs or lost customers resulting from a technology failure could adversely affect our business, operations and financial results.

Third parties with which we conduct business, such as foundries, assembly and test contractors and distributors, have access to certain portions of our sensitive data (including trade secrets and other intellectual property), and certain aspects of effective cybersecurity are dependent upon our employees, contractors and other trusted partners reliably safeguarding such sensitive data. In the event that our employees or these third parties do not properly safeguard our data, security breaches could result and negatively impact our business, operations and financial results. In addition, despite our internal controls and investment in security measures, businesses we acquire may increase the scope and complexity of our IT networks, and this may increase our risk exposure to cyberattacks.

U.S. and foreign regulators, as well as customers and service providers, have also increased their focus on cybersecurity vulnerabilities and risks. Compliance with laws, regulations and contractual provisions concerning privacy, cybersecurity, secure technology development, data governance, data protection, confidentiality and IP could result in significant expense, and any failure to comply could result in proceedings against us by regulatory authorities or other third parties and may also increase our overall compliance burden.

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

Issuer Purchases of Equity Securities

The following table presents information with respect to purchases of common stock we made during the fiscal quarter ended **December 29, 2023** **March 29, 2024**.

Period	Total Number of Shares (or Units) Purchased (1)	Average Price (or Unit)	Total Number of Shares (or Units) Purchased as Part of Publicly Announced Plans or Programs		Maximum Number (or Approximate Dollar Value) of Shares (or Units) that May Yet Be Purchased Under the Plans or Programs	
			Publicly Announced Plans or Programs			
September 30, 2023-October 27, 2023	105,456	\$ 72.04		—	—	
October 28, 2023-November 24, 2023	52,590	73.44		—	—	
November 25, 2023-December 29, 2023	1,006	92.89		—	—	
Total	159,052	\$ 72.63		—	—	

Period	Total Number of Shares (or Units) Purchased (1)	Average Price (or Unit)	Total Number of Shares (or Units) Purchased as Part of Publicly Announced Plans or Programs		Maximum Number (or Approximate Dollar Value) of Shares (or Units) that May Yet Be Purchased Under the Plans or Programs	
			Publicly Announced Plans or Programs			
December 30, 2023-January 26, 2024	1,136	\$ 84.25		—	—	
January 27, 2024-February 23, 2024	1,185	86.03		—	—	
February 24, 2024-March 29, 2024	8,325	92.74		—	—	
Total	10,646	\$ 91.09		—	—	

(1) We employ "withhold to cover" as a tax payment method for vesting of restricted stock awards for our employees, pursuant to which, we withheld from employees the shares noted in the table above to cover tax withholding related to the vesting of their awards. The average prices listed in the above table are averages of the fair market prices at which we valued shares withheld for purposes of calculating the number of shares to be withheld.

ITEM 5. OTHER INFORMATION

Insider Trading Arrangements

The following table describes actions by our directors and Section 16 officers with respect to plans intended to satisfy the affirmative defense conditions of Rule 10b5-1(c) during the three months ended December 29, 2023. None March 29, 2024, no director or officer of our directors the Company adopted or Section 16 officers terminated a Rule 10b5-1 trading arrangement or took actions with respect to a "non-Rule 10b5-1 trading arrangement," as such each term is defined in Item 408(c) of Regulation S-K, during the three months ended December 29, 2023.

Name and Title	Action	Date	Expiration of Plan (1)	Potential Number of Shares to be Sold
Charles Bland Director	Adoption	November 13, 2023	February 14, 2025	Sale of up to 10,000 shares

(1) Date of plan termination or such earlier date upon which all transactions are completed or expire without execution. S-K.

ITEM 6. EXHIBITS

<u>Exhibit Number</u>	<u>Description</u>
3.1	Fifth Amended and Restated Certificate of Incorporation, as amended by the Certificate of Amendment dated March 2, 2023 (incorporated and as further amended by reference to Exhibit 3.1 to our Annual Report on Form 10-K filed on November 13, 2023), the Certificate of Amendment dated March 11, 2024.
3.2	Fourth Amended and Restated Bylaws (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K filed on January 6, 2023).
10.1*	MACOM Technology Solutions Holdings, Inc. Policy for Recoupment of Incentive Compensation, dated as of October 2, 2023.
19.1	MACOM Technology Solutions Holdings, Inc. Insider Trading Policy, dated as of January 17, 2024.
31.1	Certification of Principal Executive Officer Required Under Rule 13a-14(a) and 15d-14(a) of the Securities Exchange Act of 1934, as amended.
31.2	Certification of Principal Financial Officer Required Under Rule 13a-14(a) and 15d-14(a) of the Securities Exchange Act of 1934, as amended.
32.1	Certification of Principal Executive Officer and Principal Financial Officer Required Under Rule 13a-14(b) of the Securities Exchange Act of 1934, as amended, and 18 U.S.C. §1350.
101	The following material from the Quarterly Report on Form 10-Q of MACOM Technology Solutions Holdings, Inc. for the fiscal quarter ended December 29, 2023 March 29, 2024 , formatted in Inline XBRL: (i) Consolidated Balance Sheets, (ii) Consolidated Statements of Operations, (iii) Consolidated Statements of Comprehensive Income, (iv) Consolidated Statements of Stockholders' Equity, (v) Consolidated Statements of Cash Flows, (vi) Notes to Consolidated Financial Statements and (vii) document and entity information, tagged as blocks of text and including detailed tags.
104	The cover page for the Quarterly Report on Form 10-Q of MACOM Technology Solutions Holdings, Inc. for the fiscal quarter ended December 29, 2023 March 29, 2024 , formatted in Inline XBRL and included as Exhibit 101.
*	Management compensation plan or arrangement.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this Quarterly Report on Form 10-Q to be signed on its behalf by the undersigned thereunto duly authorized.

MACOM TECHNOLOGY SOLUTIONS HOLDINGS, INC.

Dated: **February 1, 2024** May By:
2, 2024

/s/ Stephen G. Daly

Stephen G. Daly

*President and Chief Executive Officer
(Principal Executive Officer)*

Dated: **February 1, 2024** May By:
2, 2024

/s/ John F. Kober

John F. Kober

*Senior Vice President and Chief Financial Officer
(Principal Accounting and Principal Financial Officer)*

MACOM EXHIBIT 3.1

**FIFTH AMENDED AND RESTATED CERTIFICATE OF INCORPORATION OF
M/A-COM TECHNOLOGY SOLUTIONS HOLDINGS, INC.**

Policy for Recoupment of Incentive Compensation

1. Introduction

In accordance with Section 10D of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and the regulations thereunder, the Board of Directors (the "Board") of MACOM M/A-COM Technology Solutions Holdings, Inc. (the "Company Corporation") has adopted this policy (the "Policy") providing for the Company's recoupment of certain incentive-based compensation received by Covered Executives (as defined below) in the event that the Company is required to prepare an accounting restatement due to its material noncompliance with any financial reporting requirement, a corporation organized and existing under the securities laws. This Policy is designed to comply with, and shall be construed and interpreted to be consistent with, Section 10D laws of the Exchange Act, Rule 10D-1 promulgated State of Delaware, hereby certifies as follows:

1. The original Certificate of Incorporation of the Corporation was filed with the Secretary of State of the State of Delaware on March 25, 2009, under the Exchange Act name "KIWI STONE ACQUISITION CORP." An amended and Restated Certificate of Incorporation was filed with the Secretary of State of the State of Delaware on May 26, 2009, an Amended and Restated Certificate of Incorporation was filed with the Secretary of State of the Nasdaq Stock Market. State of Delaware on March 16, 2010, a Third Amended and Restated Certificate of Incorporation was filed with the Secretary of State of the State of Delaware on December 21, 2010, a Certificate of Amendment to the Third Amended and Restated Certificate of

Incorporation was filed with the Secretary of State of the State of Delaware on March 9, 2012, a Certificate of Amendment to the Third Amended and Restated Certificate of Incorporation was filed with the Secretary of State of the State of Delaware on March 19, 2012, and a Fourth Amended and Restated Certificate of Incorporation was filed with the Secretary of State of the State of Delaware on March 20, 2012.

2. This Fifth Amended and Restated Certificate of Incorporation (the "Administration

Administration and enforcement Certificate of this Policy is delegated to Incorporation") was duly adopted by the Compensation Committee Board of Directors of the Corporation (the "Board (as constituted from time to time, of Directors") in accordance with Sections 242 and including any successor committee, the "Committee"). The Committee shall make all determinations under this Policy in its sole discretion. Determinations 245 of the Committee under this Policy need not be uniform with respect to any or all Covered Executives and will be final and binding.

3. General Corporation Law of the State of Delaware (the "Effective Date

This Policy shall be effective with respect to Covered Compensation (as defined below) that is received by Covered Executives on or after October 2, 2023 (the "DGCL Effective Date").

4. Covered Executives3. The Certificate of Incorporation of the Corporation is hereby amended and restated in its entirety to read as follows:

This Policy covers each current or former officer of the Company subject to Section 16 of the Exchange Act (each, a "Covered Executive").

5. Covered Compensation

This Policy applies to any cash-based or equity-based incentive compensation, bonus, and/or award that is or was received by a Covered Executive and that is based, wholly or in part, upon the attainment of any financial reporting measure ("Covered Compensation"). For the avoidance of doubt, none of the following shall be deemed to be Covered Compensation: base salary, a bonus that is paid solely at the discretion of the Committee or Board and not paid from a bonus pool determined by satisfying a financial reporting measure performance goal, and cash or equity-based awards that are earned solely upon satisfaction of one or more subjective or strategic standards, including time-based equity awards. This Policy shall apply to any Covered Compensation received by an employee who served as a Covered Executive at any time during the performance period for that Covered Compensation.

6. Financial Restatements; Recoupment

In the event that the Company is required to prepare an accounting restatement due to the material noncompliance of the Company with any financial reporting requirement under the securities laws, including any required accounting restatement to correct an error in previously issued financial statements that is material to the previously issued financial statements, or that would result in a material misstatement if the error were corrected in the current period or left uncorrected in the current period (such an accounting restatement, a "Restatement"), the Committee shall review the Covered Compensation received by a Covered Executive during the three-fiscal year period preceding the Required Financial Restatement Date (as defined below) as well as any transition period that results from a change in the Company's fiscal year within or immediately following those three completed fiscal years. Regardless of whether the Company files the restated financial statements, the Committee shall seek recoupment of any Covered Compensation, whether in the form of cash or equity, received by a Covered Executive (computed without regard to any taxes paid), if and to the extent:

- a. the amount of the Covered Compensation was calculated based upon the achievement of certain financial results that were subsequently the subject of a Restatement; and
- b. the amount of the Covered Compensation that would have been received by the Covered Executive had the financial results been properly reported would have been lower than the amount actually awarded (any such amount, "Erroneously-Awarded Compensation").

To the extent Covered Compensation was based on the achievement of a financial reporting measure, but the amount of such Covered Compensation was not awarded or paid on a formulaic basis, the Committee shall determine the amount, if any, of such Covered Compensation that is deemed to be Erroneously-Awarded Compensation.

For purposes of this Policy, the "Required Financial Restatement Date" is the earlier to occur of:

- a. the date the Board, a committee of the Board, or any officer or officers authorized to take such action if Board action is not required, concludes, or reasonably should have concluded, that the Company is required to prepare a Restatement; or
- b. the date a court, regulator, or other legally authorized body directs the Company to prepare a Restatement.

For the avoidance of doubt, a Covered Executive will be deemed to have received Covered Compensation in the Company's fiscal period during which the financial reporting measure specified in the award is attained, even if the Covered Executive remains subject to additional payment conditions with respect to such award.

7. Method of Recoupment ARTICLE I: NAME

The Committee will determine, in its sole discretion, the method for recouping Erroneously-Awarded Compensation, which may include, without limitation:

- a. requiring reimbursement of cash incentive compensation previously paid;
- b. cancelling or rescinding some or all outstanding vested or unvested equity (and/or equity-based) awards;
- c. adjusting or withholding from unpaid compensation or other set-off to the extent permitted by applicable law; and/or
- d. reducing or eliminating entitlements to future salary increases, cash-based or equity-based incentive compensation, bonuses, awards or severance.

8. Impracticability Exceptions

The Committee shall not seek recoupment of any Erroneously-Awarded Compensation to the extent it determines that:

- a. the direct expense paid to a third party to assist in enforcing this Policy would exceed the amount of Erroneously-Awarded Compensation to be recovered;
- b. recovery would violate home country law where that law was adopted prior to November 28, 2022; and/or
- c. recovery would likely cause an otherwise tax-qualified retirement plan, under which benefits are broadly available to Company employees, to fail to meet the requirements of Sections 401(a)(13) and 411(a) name of the Internal Revenue Code of 1986, as amended, and the regulations thereunder.

9. No Indemnification

For the avoidance of doubt, the Company shall not indemnify any Covered Executive against the loss of any Erroneously-Awarded Compensation or any Covered Compensation that Corporation is recouped pursuant to the terms of this Policy, or any claims relating to the Company's enforcement of its rights under this Policy.

10. Severability

If any provision of this Policy or the application of any such provision to any Covered Executive shall be adjudicated to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provisions of this Policy, and the invalid, illegal or unenforceable provisions shall be deemed amended to the minimum extent necessary to render any such provision or application enforceable.

11. Amendments

The Committee may amend, modify or terminate this Policy in whole or in part at any time and may adopt such rules and procedures that it deems necessary or appropriate to implement this Policy or to comply with applicable laws and regulations.

12. No Impairment of Other Remedies

The remedies under this Policy are in addition to, and not in lieu of, any legal and equitable claims the Company may have, the Company's ability to enforce, without duplication, the recoupment provisions set forth in any separate Company policy or in any Company plan, program or agreement, including without limitation the Company's Compensation Recoupment Policy, effective as of November 6, 2018, as may be amended from time to time (each, a "Separate Recoupment Policy" and collectively, the "Separate Recoupment Policies"), or any actions that may be imposed by law enforcement agencies, regulators or other authorities. Notwithstanding the foregoing, in the event that there is a conflict between the application of this Policy to a Covered Executive in the event of a Restatement and any additional recoupment provisions set forth in a Separate Recoupment Policy to which a Covered Executive is subject, the provisions of this Policy

shall control. The Company may also adopt additional Separate Recoupment Policies in the future or amend existing requirements as required by law or regulation.

MACOM TECHNOLOGY SOLUTIONS HOLDINGS, INC.

CLAWBACK POLICY ACKNOWLEDGMENT

Reference is made to the MACOM Technology Solutions Holdings, Inc. Policy for Recoupment of Incentive Compensation, effective as of October 2, 2023 (the "Clawback Policy"). By signing in the space indicated below, you acknowledge and agree that you have received and understand the Clawback Policy and that effective as of [DATE] the Clawback Policy applies and will continue to apply to you during and after your employment or other service in accordance with its terms.

EXECUTIVE:

Name: [NAME]

DATE: [DATE], 2023

MACOM TECHNOLOGY SOLUTIONS HOLDINGS, INC.

INSIDER TRADING POLICY

January 17, 2024

Background ARTICLE II: REGISTERED OFFICE

The board of directors of MACOM Technology Solutions Holdings, Inc. (the "Company") has adopted this Insider Trading Policy for our directors, officers, employees and consultants with respect to the trading address of the Company's securities, as well as registered office of the securities Corporation in the State of publicly traded companies with whom we have a business relationship. Delaware is 2711 Centerville Rd., Suite 400, City of Wilmington, County of New Castle, 19808 and the name of the registered agent of the Corporation in the State of Delaware at such address is the Corporation Service Company.

Federal and state securities laws prohibit the purchase or sale of a company's securities by persons who are aware of material information about that company that is not generally known or available to the public. These laws also prohibit persons who are aware of such material nonpublic information from disclosing this information to others who may trade. Companies and their controlling persons are also subject to liability if they fail to take reasonable steps to prevent insider trading by company personnel.

ARTICLE III: PURPOSE

It The purpose of the Corporation is important that you understand to engage in any lawful act or activity for which corporations may be organized under the breadth of activities that constitute illegal insider trading and the consequences, which can be severe. Both the U.S. Securities and Exchange Commission (the "SEC") and FINRA investigate and are very effective at detecting insider trading. The SEC, together with the U.S. Department of Justice, pursue insider trading violations vigorously. Cases have been successfully prosecuted against trading by employees through foreign accounts, trading by family members and friends, and trading involving only a small number of shares. DGCL.

ARTICLE IV: CAPITALIZATION

This policy A. Authorized Capital Stock. The total number of shares of stock which the Corporation shall have authority to issue is designed to prevent insider trading or allegations 310,000,000, consisting of insider trading, and to protect the Company's reputation for integrity and ethical conduct. It is your obligation to understand and comply with this policy. Should you have any questions regarding this policy, please contact the Company's General Counsel at ambra.roth@macom.com.

Penalties for Noncompliance

Civil and Criminal Penalties. Potential penalties for insider trading violations include

(1) imprisonment for up to 20 years, (2) criminal fines 300,000,000 shares of up to \$5 million and (3) civil fines of up to three times the profit gained or loss avoided.

Company Sanctions. Failure to comply with this policy may also subject you to Company-imposed sanctions, including dismissal for cause, whether or not your failure to comply with this policy results in a violation of law.

Controlling Person Liability. If the Company fails to take appropriate steps to prevent illegal insider trading, the Company may have "controlling person" liability for a trading violation.

The civil penalties can extend personal liability to the Company's directors, officers common stock, par value \$0.001 per share, and other supervisory personnel if they fail to take appropriate steps to prevent insider trading. 10,000,000 shares of preferred stock, par value

Scope of Policy \$0.001 per share.

Persons Covered. **B. Common Stock.** As a director, officer, employee Subject to such exceptions that are set forth in this Certificate of Incorporation or consultant the DGCL, each holder of common stock shall be entitled to vote at all meetings of the Company or its subsidiaries, this policy applies to you. The same restrictions that apply to you also apply to your family members who reside with you, anyone else who lives in your household stockholders and any family members who do not live in your household but whose transactions in Company securities are directed shall have one vote for each share of common stock held by you or are subject to your influence or control (such as parents or children who consult with you before they trade in Company securities). You are responsible for making sure that the purchase or sale of any security covered by this policy by any such person complies with this policy. The Company may also determine that other persons should be subject to this policy, such as contractors or consultants who have access to "inside information." Any such other persons will be notified by the office of the Company's General Counsel. Further, it is the policy of the Company to comply with all applicable securities laws when transacting in its own securities. stockholder.

This policy also applies C. Preferred Stock.

Shares of preferred stock may be issued in one or more series, from time to time, with each such series to consist of such number of shares and to have such voting powers, full or limited, or no voting powers, and such designations, preferences and relative, participating, optional or other special rights, and the qualifications, limitations or restrictions thereof, as shall be stated in the resolution or resolutions providing for the issuance of such series adopted by the Board of Directors, and the Board of Directors is hereby expressly vested with the authority, to the full extent now or hereafter provided by law, to adopt any such resolution or resolutions.

Except as otherwise required by law, holders of common stock, as such, shall not be entitled to vote on any amendment to this Certificate of Incorporation (including any certificate of designations relating to any entities series of preferred stock) that you influence relates solely to the terms of one or control, including more outstanding series of preferred stock if the holders of such affected series of preferred stock are entitled, either separately or together with the holders of one or more other such series, to vote thereon pursuant to this Certificate of Incorporation (including any corporations, partnerships certificate of designations relating to any series of preferred stock) or trusts (collectively referred pursuant to as "controlled entities"), and transactions by controlled entities should be treated for the purposes of this policy and applicable securities laws as if they were for your own account. DGCL.

ARTICLE V: BOARD OF DIRECTORS

Companies Covered. **A. Number of Directors.** The prohibition on insider trading in this policy is not limited. Subject to trading any special rights of the holders of any class or series of stock to elect directors, the number of directors shall be fixed from time to time exclusively by the Board of Directors pursuant to a resolution adopted by a majority of the total number of directors which the Corporation would have if there were no vacancies. Newly-created directorships resulting from any increase in the Company's securities. It includes trading in the securities authorized number of other firms, such as customers or suppliers directors elected by all of the Company stockholders having the right to vote as a single class and those firms with vacancies resulting from any cause shall be filled exclusively pursuant to a resolution adopted by vote of a majority of the members of the Board of Directors then in office, even if less than a quorum, or by a single remaining director. A person elected to fill a vacancy or newly-created directorship shall hold office until the next election of the class for which such director shall have been chosen and until his or her successor shall be duly elected and qualified. Any director or the Company entire Board of Directors may be negotiating major transactions, such as removed from office by the stockholders of the Corporation only for cause and only by the affirmative vote of the holders of at least a majority of the shares then entitled to vote at an acquisition, investment or sale. Information that is not material to the Company may nevertheless be material to one election of those other firms. directors.

Transactions Covered. Trading includes purchases and sales **B. Classified Board of stock, derivative securities (such as put and call options and convertible debentures or preferred stock), and debt securities (such as debentures, bonds and notes).**

Trading also may include or exclude certain transactions under Company plans, as follows:

Stock Option Exercises. The policy does not apply. Subject to the exercise special rights of an employee stock option, the holders of any class or to the exercise of a withholding right pursuant to which you elect to have the Company withhold shares subject to an option to satisfy tax withholding requirements and/or the exercise price. The policy does apply, however, to any sale of Company stock as part of a broker-assisted cashless exercise of an option, or any other market sale for the purpose of generating the cash needed to pay the exercise price of an option.

Restricted and Restricted Stock Units. The policy does not apply to the vesting of restricted stock or restricted stock units, or the exercise of a tax withholding right pursuant to which you elect to have the Company withhold shares series of stock to satisfy. elect directors, the Board of Directors shall be classified with respect to the time for which they severally hold office into three classes, as nearly equal in number as possible. The initial Class I Directors shall serve for a term expiring at the first annual meeting of stockholders of the Corporation following the filing of this Certificate of Incorporation; the

Rule 10b5-1 Plans. A "Rule 10b5-1 plan" provides a defense from insider trading liability by demonstrating that the purchase or sale in question was made pursuant to a binding contract, instruction or written plan, in accordance with the provisions outlined herein. You may not enter into, amend, suspend or terminate any Rule 10b5-1 plan except with the prior written approval of a compliance officer (as defined below). Once you establish a Rule 10b5-1 plan in accordance with the foregoing, you will not need to clear in advance transactions made pursuant to the terms of the Rule 10b5-1 plan.

Employee Stock Purchase Plan (ESPP). The policy does not apply to purchases of Company stock in the employee stock purchase plan resulting from your periodic contribution of money to the plan pursuant to the election you made at the time of your enrollment in the plan. The policy also does not apply to purchases of Company stock resulting from lump sum contributions to the plan, provided that you elected to participate by lump-sum payment at the beginning of the applicable enrollment period. The policy does apply to your election to participate in the plan, or an increase in your level of participation in the plan, and to your sales of Company stock purchased pursuant to the plan.

The policy does not apply to *bona fide* gifts of the Company's securities, provided that you do not have reason to believe that the recipient intends to sell the Company's securities while you are aware of material nonpublic information relating to the Company and, if you are a covered person (as defined below), you have complied with the requirements set forth below relating to pre-clearance procedures.

Statement of Policy

No Trading on Inside Information. You may not trade in the securities of the Company, directly or through family members or other persons or controlled entities, if you are aware of material nonpublic information relating to the Company. Similarly, you may not trade in the securities of any other company if you are aware of material nonpublic information about that company which you obtained in the course of your employment with the Company.

No Tipping. You may not pass material nonpublic information on to others or recommend to anyone the purchase or sale of any securities when you are aware of such information. This practice, known as "tipping," also violates the securities laws and can result in the same civil and criminal penalties that apply to insider trading, even though you did not trade and did not gain any benefit from another's trading.

No Exception for Hardship. The existence of a personal financial emergency does not excuse you from compliance with this policy.

Pre-clearance Procedures. initial Class II Directors shall serve for a term expiring at the second annual meeting of stockholders following the filing of this Certificate of Incorporation; and the initial Class III Directors shall serve for a term expiring at the third annual meeting of stockholders following the filing of this Certificate of Incorporation. The following pre-clearance procedures apply Board of Directors is authorized to directors, executive officers subject to Section 16 assign members of the Securities Exchange Act Board of 1934 ("executive officers") and certain designated employees and consultants Directors already in office to such classes as of the Company time classification becomes effective. Each director in each class shall hold office until his or her successor is duly elected and

its subsidiaries who have access to material nonpublic information about qualified. At each annual meeting of stockholders beginning with the Company (collectively, "covered persons"). The names and positions first annual meeting of stockholders following the filing of this Certificate of Incorporation, the successors of the covered persons class of directors whose term expires at that meeting shall be elected to hold office for a term expiring at the annual meeting of stockholders to be held in the third year following the year of their election, with each director in each such class to hold office until his or her successor is duly elected and qualified. If the number of directors is hereafter changed and subject to the pre-clearance procedures are listed on special rights of the attached Schedule I. The Company may from time to time designate other persons are subject to these procedures and will amend Schedule I from time to time as necessary to reflect such changes or the resignation or change of status holders of any individual class or series of stock to elect directors, any newly created directorships or decrease in directorships shall be so apportioned among the classes as to make all classes as nearly equal in number as is practicable; provided, however, that no decrease in the number of directors constituting the Board of Directors shall shorten the term of any incumbent director.

Covered persons, together with their family members and other members ARTICLE VI: LIMITATION OF DIRECTOR LIABILITY; INDEMNIFICATION AND ADVANCEMENTS OF EXPENSES OF DIRECTORS AND OFFICERS; RENUNCIATION OF CORPORATE OPPORTUNITIES

A. Limitation of their household, as well as their controlled entities, may not engage in any transaction involving Director Liability. To the Company's securities (including a stock plan transaction such as an option exercise, or a gift, loan, pledge or hedge, contribution to a trust fullest extent that the DGCL or any other transfer) without first obtaining pre-clearance law of the transaction from either State of Delaware as it exists on the Company's Chief Executive Officer date hereof or General Counsel (each, as it may hereafter be amended permits the limitation or elimination of the liability of directors, no director of the Corporation shall be personally liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a "compliance officer") director.

B. Indemnification and Advancement of Expenses. The Corporation shall indemnify and advance expenses to, and hold harmless, to the fullest extent permitted by applicable law as it exists on the date hereof or as it may hereafter be amended, any person (an "Indemnitee") who was or is made or is threatened to be made a party or is otherwise involved in any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (a "Proceeding"), by reason of the fact that such person is or was a director or an officer of the Corporation or, while a director or an officer of the Corporation, is or was serving at the request for pre-clearance should be submitted of the Corporation as a director, officer, employee or agent of another corporation or of a partnership, joint venture, trust or other enterprise, including service with respect to employee benefit plans, against all liabilities and losses suffered and expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such Indemnitee in connection with such Proceeding. Such right to indemnification shall continue as to a compliance person who has ceased to be a director or officer at least two business days in advance of the proposed transaction. A compliance Corporation and shall inure to the benefit of his or her heirs, executors and personal and legal representatives. Notwithstanding the preceding sentences, the Corporation shall not be required to indemnify, or advance expenses to, an Indemnitee in connection with a Proceeding (or part thereof) initiated by such Indemnitee, whether initiated in such Indemnitee's capacity as a director or officer is under no obligation or in any other capacity, or in defending any counterclaim, cross-claim, affirmative defense, or like claim of the Corporation in such Proceeding (or part thereof), unless the initiation of such Proceeding

(or part thereof) by the Indemnitee was authorized or consented to approve a trade submitted for pre-clearance by the Board of Directors of the Corporation.

C. Renunciation of Corporate Opportunities.

In recognition and anticipation that (i) the directors, officers or employees of GaAs Labs, LLC ("GaAs Labs") and its Affiliated Companies (as defined below) and/or Summit Partners, L.P. ("Summit" and, together with GaAs Labs, the "Institutional Investors" and individually an "Institutional Investor") and its Affiliated Companies (as defined below) may serve as directors or officers of the Corporation, (ii) the Institutional Investors and their respective Affiliated Companies engage and may determine not to continue to permit engage in the trade. The General Counsel same or similar activities or related lines of business as those in which the Corporation, directly or indirectly, may engage and/or other business activities that overlap with or compete with those in which the Corporation, directly or indirectly, may engage, and (iii) that the Corporation and its Affiliated Companies may engage in material business transactions with the Institutional Investors and their respective Affiliated Companies, as applicable, and that the Corporation is expected to benefit therefrom, the provisions of this Article VI are set forth to regulate and define the conduct of certain affairs of the Corporation as they may involve the Institutional Investors and/or their respective Affiliated Companies and/or their respective officers and directors, and the powers, rights, duties and liabilities of the Corporation and its officers, directors and stockholders in connection therewith.

Except as provided in the third paragraph of this Article VI, the Corporation and its Affiliated Companies shall have no interest or expectancy in any corporate opportunity and no expectation that such corporate opportunity be offered to the Corporation or its Affiliated Companies, if such opportunity is one that an Institutional Investor or any of its Affiliated Companies or any of their respective directors, officers, employees or agents, including any director, officer, employee or agent of the Corporation who is also a director, officer, employee or agent of an Institutional Investor or any of its Affiliated Companies, has the sole discretion to decide whether to clear transactions by the Chief Executive Officer acquired knowledge of or persons is otherwise pursuing, and any such interest or entities subject to this policy expectancy in any such corporate opportunity is hereby renounced, so that as a result of their relationship with such renunciation, the Chief Executive Officer, corporate opportunity shall belong to such Institutional Investor and/or its Affiliated Companies, as applicable, and such person or entity: (i) shall have no duty to present such corporate opportunity to the Chief Executive Officer has Corporation or its Affiliated Companies and shall have the sole discretion right to decide whether hold and exploit any such corporate opportunity for its (and its officers', employees', directors', agents', stockholders', members', partners', affiliates' or subsidiaries') own account and benefit, or to clear transactions direct, sell, assign or transfer such corporate opportunity to persons other than the Corporation or any of its Affiliated Companies; and (ii) cannot be, and shall not be, liable to the Corporation, its stockholders or its Affiliated Companies for breach of any fiduciary duty to the

Corporation, its stockholders or its Affiliated Companies by reason of the General Counsel fact that such person or persons entity does not present such corporate opportunity to the Corporation or entities subject its Affiliated Companies or pursues, acquires or exploits such corporate opportunity for itself or directs, sells, assigns or transfers such corporate opportunity to this policy another person or entity.

Notwithstanding the foregoing, the Corporation does not renounce any interest or expectancy it may have in any corporate opportunity that is expressly offered to any director or officer of the Corporation in his or her capacity as a result of their relationship with the General Counsel.

If, upon requesting pre-clearance, a covered person is advised that a transaction in the Company's securities has been approved by the compliance director or officer the covered person may enter into a transaction within two business days thereafter. If for any reason a transaction is not completed within the timeframe for which the pre-clearance is obtained, pre-clearance must be obtained again before a transaction may take place. Any person who has requested pre-clearance may not disclose the approval or denial of the request to any other person.

Even if you receive pre-clearance for a proposed transaction, for the avoidance of doubt, at no time may you trade in Company securities if you are aware of material nonpublic information about the Company.

Blackout Procedures. To help prevent inadvertent violations of the federal securities laws and to avoid even the appearance of trading on the basis of inside information, all directors and executive officers and certain employees, together with their family members and other members of their household, as well as their controlled entities, are subject to the following blackout procedures:

Quarterly Blackout Periods. The Company's announcement of its quarterly financial results almost always has the potential to have a material effect on the market for the Company's securities. Therefore, to avoid even the appearance of trading on the basisCorporation.

For purposes of material nonpublic information, you may not trade this Article VI only, (a) "Affiliated Company" shall mean (i) in respect of GaAs Labs, any company which controls, is controlled by or under common control with GaAs Labs (other than the Company's securities during Corporation and any company that is controlled by the period beginning on Corporation), (ii) in respect of Summit, any company which controls, is controlled by or under common control with Summit (other than the first day Corporation and any company that is controlled by the Corporation), and (iii) in respect of the last calendar month Corporation, shall mean any company controlled by the Corporation; and (b) "corporate opportunity" shall mean an investment or business opportunity or activity or potential transaction or matter, including without limitation those that might be the same as or similar to the Corporation's business or activities or the business or activities of each fiscal quarter any Affiliated Companies.

Any person or entity purchasing or otherwise acquiring any interest in any shares of the CompanyCorporation shall be deemed to have notice of and ending after to have consented to the end provisions of this Article VI.

To the first full business day following extent that any provision of this Article VI is found to be invalid or unenforceable, such invalidity or unenforceability shall not affect the release validity or enforceability of the Company's earnings for that quarter.any other provision of this Article VI.

Interim Earnings Guidance and Event-Specific Blackouts **D. Effect of Amendment.** The Company may on occasion issue interim earnings guidance No amendment to, or other potentially material information by means modification or repeal of a press release, SEC filing this Article VI, nor the adoption of a current report on Form 8-K any provision of this Certificate of Incorporation inconsistent with this Article VI, shall adversely affect any right or other means designed protection of an Indemnitee existing hereunder with respect to achieve widespread dissemination any act or omission occurring prior to such amendment, modification, repeal or adoption of the information. You should anticipate that trading will be blacked out while the Company is in the process of assembling the information to be released and until the information has been released to and fully absorbed by the market.an inconsistent provision.

From time to time, ARTICLE VII: MEETINGS OF STOCKHOLDERS

A. Action by Written Consent. No action shall be taken by the stockholders of the Corporation except at an event may occur annual or special meeting of the stockholders called in accordance with the Bylaws and no action shall be taken by the stockholders by written consent; *provided, however, that is material to the Company and is known by only a few directors, executives and other employees. So for so long as the event remains material* John Ocampo and nonpublic, the persons who are aware of the event, GaAs Labs, together with their family members and other members of their household, as well as their controlled entities, may not trade in the Company's securities. The existence of an event-specific blackout will not be announced, other than to those who are aware respective affiliates or successors, collectively beneficially own (directly or indirectly) at least fifty percent (50%) of the event giving rise to the blackout. If, however, a person whose trades are subject to pre-clearance requests permission to trade in the Company's securities during an event-specific blackout, the compliance officer will inform the requesting person then issued and outstanding Common Stock of the existence of a blackout period, without disclosing Corporation, any action required or permitted to be taken by the reason for the blackout. Any person made aware stockholders of the existence Corporation at any meeting of an event-specific blackout should not disclose stockholders may be taken without a meeting if a consent in writing, setting forth the existence action so taken, is signed by stockholders holding at least a majority of the blackout to any other person. The failure total voting power of all the then-outstanding shares of the compliance officer Corporation then entitled to designate a person as being vote entitled on the subject to an event-specific blackout will not relieve that person of the obligation not to trade while aware of material nonpublic information.

Even if a blackout period is not in effect, at no time may you trade in Company securities if you are aware of material nonpublic information about the Company.matter thereof.

Exception for Approved Rule 10b5-1 Trading Plans. **B. Special Meetings of Stockholders**Transactions. Except as otherwise required by covered persons in law or provided by the

Company's securities that are executed resolution or resolutions adopted by the Board of Directors designating the rights, powers and preferences of any series of Preferred Stock, special meetings of stockholders of the Corporation may be called only by (a) the Board of Directors pursuant to a resolution approved Rule 10b5-1 trading plan are not subject by a majority of the total number of directors that the Corporation would have if there were no vacancies or (b) the Chairman of the Board of Directors, and any power of stockholders to the prohibition on trading on the basis of material nonpublic information contained in this policy or to the restrictions set forth above relating to pre-clearance procedures and blackout periods. call a special meeting is specifically denied.

Rule 10b5-1 provides an affirmative defense from insider trading liability under the federal securities laws for trading plans that meet certain requirements. A Rule 10b5-1 trading plan must **C. Election of Directors by Written Ballot**. Election of directors need not be entered into at a time when you are not aware of material nonpublic information. Once the Rule 10b5-1 trading plan is adopted, you must not exercise any influence over the amount of securities to be traded, the price at which they are to be traded or the date of the trade. The plan must either specify (including by formula) the amount, pricing and timing of transactions in advance or delegate discretion on those matters to an independent third party. You may only have one outstanding Rule 10b5-1 trading plan at any one time (subject to certain exceptions). written ballot.

ARTICLE VIII: DISPUTE RESOLUTION

The Company requires that adoption, amendment, suspension or termination of all Rule 10b5-1 trading plans be approved in writing in advance by a compliance officer. Rule 10b5-1 trading plans generally may not be adopted during a blackout period and may only be adopted at a time when the person adopting the plan is not aware of material nonpublic information. All Rule 10b5-1 trading plans must have a "cooling off period," the length of which will depend on the status Chancery of the covered person. For directors State of Delaware shall be the sole and executive officers, the applicable "cooling off period" is the later of (1) 90 days after adoption and (2) two business days following disclosure exclusive forum for

- (i) any derivative action or proceeding brought on behalf of the Company's financial results in Corporation, (ii) any action asserting a Form 10-Q claim of breach of a fiduciary duty owed by any director or Form 10-K for officer of the fiscal quarter in which the plan was adopted, subject to a maximum of 120 days. For all other covered persons, the applicable "cooling off period" is at least 30 days from the time the trading plan is executed Corporation to the time Corporation or the Corporation's stockholders, (iii) any action asserting a claim against the Corporation arising pursuant to any provision of the first trade pursuant to Delaware General Corporation Law or the plan. In Corporation's Certificate of Incorporation or Bylaws or (iv) any action asserting a claim against the event a Rule 10b5-1 trading plan is later amended, Corporation governed by the amendment

must provide for a new "cooling off period" of the applicable length noted above from the time the trading plan amendment is executed to the first trade pursuant to the amended plan. internal affairs doctrine.

Definition of Material Nonpublic Information

Note that inside information has two important elements – materiality and public availability. ARTICLE IX: AMENDMENTS TO THE CERTIFICATE OF INCORPORATION AND BYLAWS

Material Information. A. **Amendments to the Certificate of Incorporation** Information is material if there is a substantial likelihood. Notwithstanding any other provisions of this Certificate of Incorporation, and notwithstanding that a reasonable investor would consider it important lesser percentage may be permitted from time to time by applicable law, no provision of Articles V, VII or this Article IX may be altered, amended or repealed in deciding whether to buy, hold any respect (including by merger, consolidation or sell a security. Any information that could reasonably otherwise), nor may any provision inconsistent therewith be expected to affect adopted, unless such alteration, amendment, repeal or adoption is approved by the price affirmative vote of the securityholders of at least 66- 2/3 percent of the voting power of all of the then-outstanding shares of the Corporation then entitled to vote generally in an election of directors, voting together as a single class.

Notwithstanding anything to the contrary elsewhere contained in this Certificate of Incorporation, the affirmative vote of the holders of at least eighty percent (80%) of the total voting power of all of the then-outstanding shares of the Corporation then entitled to vote generally in the election of directors, voting together as a single class, shall be required to alter, amend or repeal, or to adopt any provision inconsistent with Article VI.

B. Adoption, Amendment and Repeal of the Bylaws. In furtherance and not in limitation of the powers conferred by law, the Board of Directors is material. Both positive expressly authorized to make, alter, amend and negative information can repeal the bylaws of the Corporation subject to the power of the stockholders of the Corporation to alter, amend or repeal the bylaws; provided, however, that with respect to the powers of stockholders to make, alter, amend or repeal the bylaws, and notwithstanding any other provision of law which might otherwise permit a lesser vote or no vote, but in addition to any affirmative vote of the stockholders of any particular class or series of the Corporation required by law, the bylaws or any preferred stock of the corporation, the affirmative vote of the holders of at least 66-2/3 percent of the voting power of all of the then- outstanding shares of the Corporation entitled to vote generally in an election of directors, voting together as a single class, shall be material. Common examples required to make, alter, amend or repeal the bylaws of material information are: the Corporation.

• [Projections The remainder of future earnings or losses or other earnings guidance; this page is intentionally left blank.]

- Earnings that are inconsistent with consensus expectations of the investment community;
- Financial results of a completed period;
 - Acquisition or termination of a significant customer relationship;
 - A pending or proposed merger, acquisition or tender offer or an acquisition or disposition of significant assets;
 - A change in management or board of directors;

- Significant related party transactions;
- Major events regarding a company's securities, including the declaration of a dividend, stock split or the offering of additional securities;
- Bank borrowings or other financing transactions out of the ordinary course;
- Severe financial liquidity problems;
- Actual or threatened major litigation, the resolution of such litigation, criminal indictments or government investigations;
- New major contracts, orders, suppliers, customers or finance sources or the loss thereof;
- Development of a significant new product, process or service;
- Expansion or curtailment of significant operations; and

• **In Witness Whereof, M/A-COM Technology Solutions Holdings, Inc.** Cybersecurity incidents that materially affect a company's products, services, relationships or competitive conditions has caused this Fifth Amended and Restated Certificate of Incorporation to be signed by its President and Chief Executive Officer this 1st day of June, 2016.

Because trading that receives scrutiny will be evaluated after the fact with the benefit of hindsight, questions concerning the materiality of particular information should be resolved in favor of materiality, and trading should be avoided.

M/A-COM Technology Solutions Holdings, Inc.

/s/ John Croteau

John Croteau

President and Chief Executive Officer

Nonpublic Information. Nonpublic information is information that is not generally known or available to the public. One common misconception is that material information loses its "nonpublic" status as soon as a press release is issued disclosing the information. In fact, information is considered to be available to the public only when it has been released broadly to the marketplace (such as by a press release or an SEC filing) *and the investing public has had time to absorb the information fully*. As a general rule, information is considered nonpublic until the end of the first full trading day after the information is released broadly to the marketplace. For example, if the Company announces financial earnings before trading begins on a Tuesday, the first time you can buy or sell Company securities is the opening of the market on Wednesday (assuming you are not aware of other material nonpublic information at that time). However, if the Company announces earnings after trading begins on that Tuesday, the first time you can buy or sell Company securities is the opening of the market on Thursday.

Additional Guidance

The Company considers it improper and inappropriate for those employed by or associated with the Company to engage in speculative transactions in the Company's securities or in other transactions in the Company's securities that may lead to inadvertent violations of the insider trading laws. Accordingly, your trading in Company securities is subject to the following additional guidance.

Short-Term Trading. Short-term trading of the Company's securities may be distracting to the person engaging in such trades and may unduly focus such person on the Company's short- term performance instead of the Company's long-term objectives. For these reasons, and in accordance with Section 16(b) of the Securities Exchange Act of 1934, any director or executive officer of the Company who purchases Company securities may not sell any Company securities of the same class during the six months following the purchase (or vice versa).

DISCLAIMER

THE INFORMATION CONTAINED IN THE REFINITIV CORPORATE DISCLOSURES DELTA REPORT™ IS

A COMPARISON OF TWO FINANCIALS PERIODIC REPORTS. THERE MAY BE MATERIAL ERRORS,

OMISSIONS, OR INACCURACIES IN THE REPORT INCLUDING THE TEXT AND THE COMPARISON

Short Sales. You may not engage in short sales of the Company's securities (sales of securities that are not then owned by you), including a "sale against the box" (a sale with delayed delivery). Short sales arising from certain types of hedging transactions are governed by the section below captioned "Hedging Transactions."

DATA AND TABLES. IN NO WAY DOES REFINITIV OR THE APPLICABLE COMPANY ASSUME ANY RESPONSIBILITY FOR ANY INVESTMENT OR OTHER DECISIONS MADE BASED UPON THE

INFORMATION PROVIDED IN THIS REPORT. USERS ARE ADVISED TO REVIEW THE APPLICABLE

COMPANY'S ACTUAL SEC FILINGS BEFORE MAKING ANY INVESTMENT OR OTHER DECISIONS.

Publicly Traded Options. You may not engage in transactions in publicly traded options, such as puts, calls and other derivative securities,

on an exchange or in any other organized market.

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Option positions arising from certain types of hedging transactions are governed by the section below captioned "Hedging Transactions."

Standing Orders. A standing order placed with a broker to sell or purchase stock at a specified price leaves you with no control over the timing of the transaction. A standing order transaction executed by the broker when you are aware of material nonpublic information may result in unlawful insider trading and violation of this policy by you. You should avoid placing standing orders and place day orders only.

Margin Accounts and Pledges. Securities held in a margin account or pledged as collateral for a loan may be sold without your consent by the broker if you fail to meet a margin call or by the lender in foreclosure if you default on the loan. Because a margin or foreclosure sale may occur at a time when you are aware of material nonpublic information or otherwise are not permitted to trade in Company securities by this policy, you are prohibited from holding Company securities in a margin account or pledging Company securities as collateral for a loan.

Hedging Transactions. Certain forms of hedging or monetization transactions, such as zero- cost collars, prepaid variable forward sale contracts, equity swaps and exchange funds, allow an individual to lock in much of the value of his or her stock holdings, often in exchange for all or part of the potential for upside appreciation in the stock. These transactions allow the individual to continue to own the covered securities, but without the full risks and rewards of ownership. When that occurs, the individual may no longer have the same objectives as the Company's other shareholders. Therefore, the Company prohibits you from engaging in any hedging or monetization transactions.

Post-Termination Transactions

This policy continues to apply to your transactions in Company securities even after you have terminated employment or other services to the Company or a subsidiary as follows: if you are aware of material nonpublic information when your employment or service relationship terminates, you may not trade in Company securities until that information has become public or is no longer material.

Unauthorized Disclosure

Maintaining the confidentiality of Company information is essential for competitive, security and other business reasons, as well as to comply with securities laws. You should treat all information you learn about the Company or its business plans in connection with your employment as confidential and proprietary to the Company. Inadvertent disclosure of confidential or inside information may expose the Company and you to significant risk of investigation and litigation.

The timing and nature of the Company's disclosure of material information to outsiders is subject to legal rules, the breach of which could result in substantial liability to you, the

Company and its management. The Company has established procedures for releasing material information in a manner that is designed to achieve broad public dissemination of the information immediately upon its release. You may not, therefore, disclose information to anyone outside the Company, including but not limited to family members, friends, business associates, investors and consulting firms, unless any such disclosure is made in accordance with the Company's policies regarding the protection or authorized external disclosure of information regarding the Company. You also may not discuss the Company or its business on social media. It is important that responses to inquiries about the Company by the press, investment analysts or others in the financial community be made on the Company's behalf only through authorized individuals.

Please consult the Company's corporate communications policy for more details regarding the Company's policy on speaking to the media, financial analysts and investors.

Personal Responsibility

You should remember that the ultimate responsibility for adhering to this policy and avoiding improper trading rests with you. If you violate this policy, the Company may take disciplinary action, including dismissal for cause. Any action on the part of the Company, the General Counsel or any other employee or director (pursuant to this policy or otherwise) does not in any way constitute legal advice or insulate an individual from liability under applicable securities laws.

Company Assistance

Your compliance with this policy is of the utmost importance both for you and for the Company. If you have any questions about this policy or its application to any proposed transaction, you may obtain additional guidance from the Company's General Counsel at ambra.roth@macom.com. Do not try to resolve uncertainties on your own, as the rules relating to insider trading are often complex, not always intuitive and carry severe consequences.

Modifications; Waivers

The Company reserves the right to amend or modify this policy, and the trading policies and procedures set forth herein, at any time. Waiver of any provision of this policy in a specific instance may be authorized in writing by the General Counsel, or her designee.

Certification

All employees must certify their understanding of, and intent to comply with, this policy. A copy of the certification that employees must sign is enclosed with this policy.

This policy is dated January 17, 2024. [SIGNATURE PAGE TO FIFTH AMENDED AND RESTATED CERTIFICATE OF INCORPORATION]

**CERTIFICATE OF AMENDMENT TO THE
FIFTH AMENDED AND RESTATED CERTIFICATE OF INCORPORATION OF
MACOM TECHNOLOGY SOLUTIONS HOLDINGS, INC. INSIDER TRADING POLICY
CERTIFICATION**

To MACOM Technology Solutions Holdings, Inc.:

I, have received and read a copy of the MACOM Technology Solutions Holdings, Inc. Insider Trading Policy dated January 17, 2024. I hereby agree to comply with (the "Corporation"), a corporation organized and existing under the specific requirements laws of the policy in all respects during my employment or other service relationship with MACOM Technology Solutions Holdings, Inc. or any State of its subsidiaries. I understand that my failure to comply in all respects with the policy is a basis for termination for cause of my employment or other service relationship with MACOM Technology Solutions Holdings, Inc. Delaware, does hereby certify:

1. This Certificate of Amendment (the "Certificate of Amendment") amends the provisions of the Fifth Amended and Restated Certificate of Incorporation of the Corporation (the "Fifth Amended and Restated Certificate of Incorporation") filed with the Secretary of State of the State of Delaware on June 1, 2016.

2. This Certificate of Amendment was duly adopted by the Board of Directors of the Corporation and by the stockholders of the Corporation in accordance with Section 242 of the General Corporation Law of the State of Delaware.

3. The Fifth Amended and Restated Certificate of Incorporation is hereby amended by adding Article X to read in its entirety as follows:

"ARTICLE X: LIMITATION OF OFFICER LIABILITY

To the fullest extent that the DGCL or any other law of the State of Delaware as it exists on the date hereof or as it may hereafter be amended permits the limitation or elimination of the liability of officers, no officer of the Corporation shall be personally liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as an officer. No amendment to, or modification or repeal of this Article X, nor the adoption of any provision of this Certificate of Incorporation inconsistent with this Article X, shall adversely affect any right or protection of an officer existing hereunder with respect to any act or omission occurring prior to such amendment, modification, repeal or adoption of an inconsistent provision."

IN WITNESS WHEREOF, the Corporation has caused this Certificate of Amendment to be signed by its President and Chief Executive Officer this 2nd day of March, 2023.

MACOM
TECHNOLOGY
SOLUTIONS
HOLDINGS,
INC.

(s)
Stephen
(Signature) By: G. Daly
Stephen
G. Daly
President
(Date) and Chief
Executive
Officer

**CERTIFICATE OF AMENDMENT TO THE
FIFTH AMENDED AND RESTATED CERTIFICATE OF INCORPORATION
OF
MACOM TECHNOLOGY SOLUTIONS HOLDINGS, INC.**

Schedule I MACOM Technology Solutions Holdings, Inc. (the "Covered Persons Attached Corporation"), a corporation organized and existing under the laws of the State of Delaware, does hereby certify:

1. This Certificate of Amendment (the "Certificate of Amendment") amends the provisions of the Fifth Amended and Restated Certificate of Incorporation of the Corporation (the "Fifth Amended and Restated Certificate of Incorporation") filed with the Secretary of State of the State of Delaware on June 1, 2016, as amended by the Certificate of Amendment to the Fifth Amended and Restated Certificate of Incorporation filed with the Secretary of State of the State of Delaware on March 6, 2023.
2. This Certificate of Amendment was duly adopted by the Board of Directors of the Corporation and by the stockholders of the Corporation in accordance with Section 242 of the General Corporation Law of the State of Delaware.
3. Article V of the Fifth Amended and Restated Certificate of Incorporation is hereby amended and restated in its entirety to read as follows:

ARTICLE V: BOARD OF DIRECTORS

A. Number of Directors. Subject to any special rights of the holders of any class or series of stock to elect directors, the number of directors shall be fixed from time to time exclusively by the Board of Directors pursuant to a resolution adopted by a majority of the total number of directors which the Corporation would have if there were no vacancies. Newly-created directorships resulting from any increase in the authorized number of directors elected by all of the stockholders having the right to vote as a single class and vacancies resulting from any cause shall be filled exclusively pursuant to a resolution adopted by vote of a majority of the members of the Board of Directors then in office, even if less than a quorum, or by a single remaining director. A person elected to fill a vacancy or newly-created directorship shall hold office until his or her successor shall be duly elected and qualified. Until the 2026 annual meeting of stockholders or such other time as the Board of Directors is no longer classified under Section 141(d) of the DGCL, any director or the entire Board of Directors may be removed from office by the stockholders of the Corporation only for cause and only by the affirmative vote of the holders of at least a majority of the shares then

entitled to vote at an election of directors. From and including the 2026 annual meeting of stockholders or such other time as the Board of Directors is no longer classified under Section 141(d) of the DGCL, with or without cause, by the affirmative vote of the holders of at least a majority of the shares then entitled to vote at an election of directors.

B. Term of Directors. Subject to the special rights of the holders of any class or series of stock to elect directors, commencing with the 2024 annual meeting of stockholders of the Corporation, each director shall be elected for a term expiring at the next succeeding annual meeting of stockholders of the Corporation; provided, however, that any director elected or appointed prior to the 2024 annual meeting of stockholders of the Corporation shall complete the term to which such director has been elected or appointed. Each director shall hold office until his or her successor is duly elected and qualified.

IN WITNESS WHEREOF, the Corporation has caused this Certificate of Amendment to be signed by its President and Chief Executive Officer this 11th day of March, 2024.

MACOM TECHNOLOGY SOLUTIONS HOLDINGS, INC.

By:

/s/ Stephen G. Daly

Stephen G. Daly

President and Chief Executive Officer

Exhibit 31.1

CERTIFICATION OF THE PRESIDENT AND CEO PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, Stephen G. Daly, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of MACOM Technology Solutions Holdings, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

(d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

- All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
- Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: **February 1, May 2, 2024**

/s/ Stephen G. Daly

Stephen G. Daly
President and Chief Executive Officer
(Principal Executive Officer)

Exhibit 31.2

CERTIFICATION OF THE CFO PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, John F. Kober, certify that:

- I have reviewed this Quarterly Report on Form 10-Q of MACOM Technology Solutions Holdings, Inc.;
- Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

(d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

- All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
- Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: **February 1, May 2, 2024**

/s/ John F. Kober
John F. Kober
SVP and Chief Financial Officer
(Principal Financial Officer)

Exhibit 32.1

CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report of MACOM Technology Solutions Holdings, Inc. (the "Company") on Form 10-Q for the quarter ended **December 29, 2023** **March 29, 2024** as filed with the Securities and Exchange Commission on the date hereof (the "Report"), Stephen G. Daly, as President and Chief Executive Officer of the Company, and John F. Kober, as SVP and Chief Financial Officer of the Company, each hereby certifies, pursuant to and solely for the purpose of 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company for the period covered by the Report.

Date: **February 1, May 2, 2024**

By: /s/ Stephen G. Daly

Stephen G. Daly
President and Chief Executive Officer
(Principal Executive Officer)

By: /s/ John F. Kober

John F. Kober
SVP and Chief Financial Officer
(Principal Financial Officer)